



Brazil 1968

- G.T.P - Gillian T. Pearce all
- D.P - David M. Pearce May 22 - July 5
- W.A.R - William A. Rodriguez June 2 - 10
- J.F.R - Jose Ferreira Ribeiro all
- L.G.d. - Luis Goncalves de Figueiredo all
- E.F - Enrique Forero - June 24 -
- K.P.D - Kent Parsons Durbin June 24 - July 16
- L.F.C - Luiz F. Coelho June 24 - July 24
- B.L.W - Brian L. Wrigley July 11 -

4813 6 Páramo Chisacá, Cundinamarca, Colombia May 3, 1968
 Gesneriaceae herb to 0.5 m tall. Inflorescence purple, corolla white
 to pale purple

4814 6 Rosaceae Scapitose herb. Flowers dark purple. Leaves in a basal rosette

4815 6 Alchemilla creeping prostrate herb

4816 6 Alchemilla creeping herb
 Rosaceae

4817 6 Herb 15-25 cm tall

4818 6 Polygalaceae subshrub

4819 6 Alchemilla creeping herb

4 Dintel, between Facatativá & La Vega, Cundinamarca May 10, 1968

4820 6 Gesneriaceae Vine, corolla orange
 Euphorbiaceae

4821 6 Tree 5 m, leaves brown beneath, young inflorescence brown

4822 6 Drimys winteri Tree 3 m, corolla white
 var. grandis

4823 6 Columnea Vine; corolla greenish white, interior with dark red dots arranged in lines

Valeriana longifolia HBK
 Ret E. Forero, 1971

✓ Alchemilla orbiculata R&P
 Ret E. Forero 1971

✓ Alchemilla sp.
 Lachenilla spec. section Lachenilla
 subsect. Lachenilla det E.G.B. Kieft 1981

✓ Miconia repens HBK
 det E. Forero 1971

✓ Alchemilla sp.

✓ Drimys granadensis L.f.
 Ret E. Forero, 1971

Ponta Negra, 12 km NW of Manaus
shrub 3 m, fr maturing red

4824

12 Burserac

4825

12 ~~Euphorbiac~~

shrub 3 m, fr dark brown
Rio Urubá

4826

6 Pteridophyt

4827

3 Pteridophyt

Terrestrial

4828

✓ 3 Bromeliac

Manaus, Ponta Negra
Terrestrial. Plant small, c. 10 cm
stems c. 4 cm in diam. green

4829

✓ 7 Bromeliac

Terrestrial. Plant to 1 m tall
crassly green

4830

✓ 12 Hamiriac

Treelet 3 m, corolla white

4831

✓ 12 Melastomac

Shrub 60 cm tall, corolla
dark blue

4832

✓ 12 Cyperac

Caespitose herb to 1 m

4833

✓ 12 Eriocaulac

Herb 7 cm tall

4834

✓ 12 Eriocaulac

Herb with leaves - 1 m

4835

✓ 12 Eriocaulac

Small herb

4836

✓ 12 Eriocaulac

herb to 8 cm tall

4837

✓ 12 Eriocaulac

Small herb

4838

✓ 12 Rubiac

Small herb, corolla yellow

Bank of Rio Negro

alchornea schomburgkiana Kt.
det. G. Webster 1986

Dec 18, 1968

Protium heptaphyllum
(Aubl.) March., s.l. det. D. Daly 1978

✓ *Propium* sp.
det. W. A. Rodriguez 15

May 1968

✓ *Grammitis serrulata* (Sw.) Sw.

Det. J. T. Mickel, 1970

✓ *Etenitis protensa* (AF2) Ching

Det. J. T. Mickel, 1970

May 22 - 1968

Ananas ananassoides (Lam.) HBK.

✓ Det. L. B. Smith

Ananas sp.

✓ Det. L. B. Smith

Cordia alliodora (Sw.) DC.

✓ Det. J. T. Winters

✓ *Bulboctylis* sp.

det. T. Koyama, 1978

Paepalanthus polytrichoides var. *glaber* Moldenke

✓ Det. H. Moldenke, 1969

Syngonanthus densus (Körn.) Hb.

✓ Det. Moldenke '69

Paepalanthus bifidus (Schrad.)

✓ Kunth Det. Moldenke, 1969

Paepalanthus polytrichoides var. *glaber* Moldenke

✓ Det. Moldenke, 1969

Paepalanthus fasciculatus f. *sphaerocephalus*

✓ Det. Moldenke, 1969 Herzog

Perama hirsuta Aubl. var

hirsuta ✓ Det. Steyermark, 1969

- K 4839 ✓✓ 8 Dimorphanthera Tree 3m, corolla greenish-white, anthers brown
Vernicosa Benth.
- K 4840 ✓✓ 12 Rubiac Treelet 2m, calyx maroon, fruit dark green
- K 4841 ✓✓ 10 Myrtac Tree 4m; corolla and filament white
- K 4842 ✓✓ 12 Rhabdodendron Shrub 3m; fruit green
macrophyllum (Spr. ex Bth.) Hub.
- K 4843 ✓✓ 12 Gentiferae Tree 5m; young fruit green
- K 4844 ✓✓ 12 Gramineae Caespitose herb in vernal bank edge area
- K 4845 ✓✓ 12 Compositae Herb 1m tall growing over undergrowth; fls white
- K 4846 ✓ 12 Ananas Terrestrial, flowering stem reddish; bracts red
amarasoides
- K 4847 ✓✓ 12 Byrsanina Shrub 3m tall; corolla and glan yellow
- K 4848 ✓ 5 Rubiac Shrub 1.5 m tall; corolla white
- K 4849 ✓✓ 12 Rubiac Shrub 1m tall, calyx and fls brownish red, corolla white
interior hairy
- K 4850 ✓✓ 10 Rubiac Erect shrub 2m, young fruit green
- K 4851 ✓✓ 12 Compositae Herb 40 cm tall, corolla white
- K 4852 ✓✓ 12 Croton Herb 40 cm tall, corolla white
- K 4853 ✓ 1 Orchidac Terrestrial growing in litter, corolla green, lower lobe marked red,
upper lobe red filamentous appendages

- Dimorphanthera vernicosa Benth.
✓ Det HSI '69
- Pagamea guianensis Aubl.
var. guianensis Det. Stoyan. 1969
Myrcia
Det. R. McVaugh 1972
- Rhabdodendron macrophyllum (Spr. ex Bth.) Hub.
✓ Det. J. T. P. '69
- Centrochloa sp. nov.
Det. H. Davidse, 1973
- Ichthyothere terminalis (Spreng.) Muhl.
✓ Det G. M. Barroso, '69
- Ananas ananasoides (Baker) L. B. Smith
Det. L. B. Smith 1972
Eugenia chrysophylla
Det. L. B. Smith 1972
- Alibertia edulis (L. Rich.) A. Rich.
✓ sensu lato Det. Stoyan, 1969
- Pagamea guianensis Aubl. var.
guianensis Det. Stoyan, 1969
- Alibertia edulis (L. Rich.) A. Rich.
✓ sensu lato Det. Stoyan, 1969
- Eupatorium asperulaceum Baker
Det G. M. Barroso '69
- Croton trinitatis Millsp.
det. L. Gillespie, 1997
- Catasetum discolor Lindl.
✓ Det. Pabst '69

- K 4854 ⁱⁱⁱ 12 Cissus Vine; inflorescence and fl. red, mature fr. black
- K 4855 ⁱⁱⁱ 12 Loranthac Parasite in Bysonoma 4847 fruit brown, fl. white
- K 4856 ⁱⁱⁱ 10 Apocynac Vine; corolla yellow, tinted red, tube base red
- K 4857 ⁱⁱⁱ 8 Turnerac Herb to 1.5 m tall, viscous corolla yellow
- K 4858 ⁱⁱⁱ 12 Laurac Shrub 3m; fl. cream
- K 4859 ⁱⁱⁱ 12 Selaginella Herb growing in shady places
- K 4860 ⁱⁱⁱ 10 Bidens Herb to 1m tall, corolla yellow
E of E bank of Rio Lumbi - Manaus Itacatiara rd, Km 202.
- K 4861 ⁱⁱⁱ 11 Apocynaceae Woody climber, corolla pale yellow forest on terra firme
- K 4862 ⁱⁱⁱ 4 Begoniac Woody climber, corolla cream
- K 4863 ⁱⁱⁱ 3 Rubiaceae Shrub to 2m, young stems & infl. axis purple; ripe fruits black
- K 4864 ⁱⁱⁱ 8 Rubiaceae Shrub c. 2m, infl. axis & calyx crimson corolla white
pink at base of tube, crimson purple base
- K 4865 ⁱⁱⁱ 9 Fern to c. 40cm. tall
- K 4866 ⁱⁱⁱ 12 Gentianac Herb to 30cm, erect to decumbent; corolla pale blue-lavender
4 stamens white
- K 4867 ⁱⁱⁱ 12 Rubiac Herb, slender to 30cm, rosetted, fls. pale blue-violet
mostly fading to white
- K 4868 ⁱⁱⁱ 12 Santalac Sub-shrub to 40cm corolla pale pink, tube white

- ✓ *Cissus erosa* Rich.
det. J. Kallunki 1981
✓ *Phthirusa retroflexa* (R+P) Kunt
det. J. Kunt 1980 Kunt, 1990
- ✓ *Mandevilla scabra* (R. et Sch.)
det. F. Mart. 1969 K. Schum.
- ✓ *Ocotea opulenta* Mart.
det. K. Kubitzke 1974
→ *O. longifolia* HBK
det. J. Rohrer 1985
- ✓ *Bidens sunapiifolia* HBK.
det. H. Robinson 1983
- ✓ *Mandevilla Krukovi* Woodson
det. F. Mart. 1969
- ✓ *Distictella*
det. C. R. Hunt 1972
- ✓ *Psychotria* sp. (gen. det. J. N. Kirkbride) 1979
- ✓ *Palicourea huberi* Steyermark n. sp.
paratype det. J. A. Steyermark 1983
- ✓ *Palicourea* n. sp.
Palicourea grandiflora (HBK) Steyermark
det. J. Steyermark 1977
- ✓ *Lindsaea lancea* (L.) Beddome
Det. J. T. Mickel, 1970
- ✓ *Androbachia elegans* Mart.
det. S. Nilsson, 1970
- ✓ *Persea dichotoma* Poepp. & Endl.
var *dichotoma* det. Steyermark, 1969
- ✓ *Sauvagesia Sprengelii* St. Hil.
det. C. Sastre, 1970

- ✓✓✓ 4569 12 Rubiac. Shrub c. 5m. Fruits black
- ✓✓✓ 4570 12 Anacaceae Shrub c. 3m. Fls. succulent pale greenish, frag. flav.
- ✓✓✓ 4571 12 Apocynac. Erect shrub c. 1m. Corolla tube cream, limb pink, calyx pale crimson, fruits green
tendrils green
- ✓✓ 4572 2 Rubiac. Shrub c. 1.5m. Unripe fruit pinkish-crimson. Shrub c. 1m. long
- ✓✓✓ 4573 12 Icacinac. Tree c. 3m. Bk c. 3cm diam. Ls. green beneath. Shrub c. 1m. long
- ✓ 4574 3 Melastom. Shrub, 1m. Corolla pale pink, lobes white
- ✓✓✓ 4575 12 Licania Tree 1.5m. Flawns imbricate, cream, green
- ✓✓✓ 4576 12 Loranthac. Shrub c. 2.5m. Corolla lilac, purple
- ✓✓✓ 4577 12 Gramineae In water in white sand
- ✓✓✓ 4578 12 Gramineae In reddish soil opposite
- ✓✓✓ 4579 12 Gramineae In water in white sand
- ✓✓✓ 4580 12 Cyperac. In wet mud. Plant glaucous on the leaf
- ✓ 4581 5 Humiferae Shrub 1.5m. Fls. ivory white
- ✓ 4582 3 Legum. Woody shrub, fls. dark pink
- ✓ 4583 3 Malvaceae Epiphyte. Scapose infl. bracts scarlet. Calyx green corolla pale orange

✓ Psychotria ^{sub Psychotria} sp.

GUATTERIA MAGUIREI R.E.Fr.
DET: P.J. MARS & V. SCHARF, 2000

Galactophora calycina (Hb.) Woodson

✓ Det. F. Markgraf, '69

Remijia sp.

✓ Det. Stoyernak, 1969

Emmotum nitens (Benth)
Miers. det. R.A. Howard 1976

INPA sheet det by M.E. von der Burg
as Emmotum orbiculatum
MG sheet det by P. Cavalcante as
Emmotum orbiculatum

Tococa sp. new?

✓ Det. J.J. Wurdack '69, 1997

Licania hypoleuca Benth.

✓ Det. J. T.P., 1968

Sandemania sp. new?

✓ Det. J.J. Wurdack '69

Panicum polycomum Trin.
det. B. Davidse 1973

Sandemania hoehnei (Cogn.) Wurdack
det. J. Wurdack, 1997

✓ Panicum polycomum Trin.
det. B. Davidse 1981

✓ Panicum
det. B. Davidse, 1973

Rhynchospora tenuis Link

det. W. Thomas, 1998

✓ Exochogyne amazonica C.B. Clark

Det. T. Koyama, 1969

INPA sheet det by Bentry
Arrabidaea oxyphylla

✓ Arrabidaea cf. oxycarpa

det A. Bentry, 1982

Aechmea mertensii (Meyer)

✓ Det. L.B. Smith, '69
Schult. f.

✓	✓	2	Loranthac	Shrub c. 1.5m. Crimson-purple, glossy, fruit			
				Rio Urubn left bank 1 mile above	ferry at Manaus - Itacardom	19. 201	May 30, 1968
K 4885	✓	12	Cariniana	Tree 10m calyx & pedicels red, corolla pale red. Bark with	✓	Conratari tenuicarpa A.C. Smith	Det. J. T.P. 1972
K 4886	✓	12	Licania	Tree 5m growing in water. fruit ferruginous brown, fleshy.	✓	Licania mollis Benth	Det. J. T.P., 1968
K 4887	✓	12	Stemmaria	Forest on terra firma (sandy)	Manaus - Itacardom road	May 30, 1968	✓
K 4888	✓	24	Em				
K 4889	✓	3	Malpigh	Cori. pubac. glab. calyx pale green, glab. corolla pink			
K 4890	✓	12	Solanec.	Treelet to c 2m. Leaves sub-sab. beneath, pinkish beneath. Corolla white, anthers yellow.			
K 4891	✓	2	Dioscorea	Shrub c. 4m. Young fruits green.			
K 4892	✓	10	Solanec.	Treelet about 1m. Leaves smooth, shiny, glossy on both surfaces. Corolla white, anthers yellow.			
K 4893	✓	4	Rubiaceae	Shrub 1.5m. Young fruits dull brownish-crimson.			
K 4894	✓	5	Aegiphyl	Shrub 1m. Young fruits green within yellow-green calyx.			
K 4895	✓	6	Bursera	Shrub 2m. Infl. axis crimson, fruit opening pale blue.			
K 4896	✓	24	Cassia	Shrub to 2m. Corolla orange-yellow. Young fruits green. Both in & outside.			
K 4897	✓	11	Ipomoea	Young fruits yellow.			
K 4898	✓	7	Rubiaceae	Shrub to 0.5m. Fruits bright blue.			
						det R. Callegas 1929	
						✓	Psychotria trichocarpa P & E.
						✓	Det. Stogorn, 1969
						✓	Trichomanes pinnatum Hedw.
						✓	Det. J.T. Mickel, 1970
						✓	Mesocarya cordifolia (Adr. Juss.) Griseb. det W. R. Anderson 73.
						✓	Solanum aff. schlechtendaliaenum Wieg. - det M. Nee, 1972
						✓	Solanum sect. Leiodendron det M. Nee, 1972
						✓	Solanum leucocarpum Dunal det S. Knapp 1987
						✓	Psychotria rhombibiactea det. C. Taylor, 1968
						✓	Aegiphila amagonica Moldenke
						✓	Det. Moldenke, 1969
						✓	Leandra micropetala (Naud.) Cogn
						✓	Det J.J. Woodcock 69
						✓	Cassia tapajocensis Cogn
						✓	det R. L. Town 1971
						✓	Psychotria trichocarpa P & E.
						✓	Det. Stogorn, 1969

- K 1891 12 Rubiaceae Shrub tree 1m in white sand by roadside
Corolla white, anthers purple
- K 4900 11 Pittavnia Leaves green, petiole base + stem his
scape bracts similar. Calyx + corolla
red
- K 4901 9 Rubiaceae Shrub tree 2.5m. Corolla pinkish
white.
- K 4902 12 Leguminosae Woody climber scrambling Buddleia-like with
scarlet. Foliage dark green
- K 4903 12 Leguminosae Tree c. 5m. Young fruit green with red
margins
- K 4904 12 Fagaceae Tree 5m. Filaments white, pistil
green
- K 4905 5 Orchidaceae Epiphytic on tree in wet mountain
(fruit + photo) pale pale yellow-green within white
dark orange yellow
- K 4906 7 Sapindace Tree 2-3m. Fruit orange-yellow
- 4907 2 Meliaceae Tree c. 5m. Fruit orange + scarlet
- 4908 4 Utricularia Fl. yellow. Petals shallow lobes
(fruit + photo)
- 4909 6 Moss Growing on tree stump
- 4910 6 Liliaceae Growing on soil
- K 4911 5 Gramineae 1-3 stems
- 4912 3 Siparuni Treelet 3m; fruit maturing
red
- K 4913 12 Meliaceae Tree 15m x 20m diam

- Manau - Macatara road Km 212 Small tree in white sand
Leaves pale green suffused crimson
dark crimson. Infl. axes brownish red,
scarlet. Small islands of vegetation in river
tube suffused crimson. Overhanging river
- Manau - Macatara road Km 212
Arrabidaea ^{TRAILII} ~~brunii~~ Sprague
Det Hunt 1972
4903 - Stryphnodendron guianense
(Aubl.) Benth. pulch. angustum
(Benth.) Fries - Det E. Fries 1970
stryphnodendron pulcherrimum (Willd.) Hoch.
- Parafridencia obidensis A. Samp.
Det. A. A. Atchley 1972
Stryphnodendron sp.
Det M. F. Silva 73
det. E. M. Oechioni Martins, 1988
- Inga stipularis DC
det. A. S. Silva 1979
Agave cyanica (Aubl.)
Det G. P. P. 1970
- Talisia cerasina (Benth.) Radlk.
Det J. T. P. 1969
Guarea duckei C. DC.
Det W. Rodrigues 1974
Guarea ulatensis DC
Det Pennington 1979
- white sand, border of secondary campinarana forest
Gentisea pygmaea St. Hil mixed with Utricularia pygmaea St. Hil
Km 207 Det. P. Taylor, 1969
forest on terra firme
- Schnanthus panicoides Beauv.
Det. M. Daubert 1973
- Siparuna cf. guianensis
Aubl. - Det S. R. Oakes 1973
- Trichilia septentrionalis
C. DC. Det TD Pennington 1971
! Fl. Neotrop. 1981

K 4914	✓✓ 12	Laurac	Tree 15 m x 15 cm diam; fls cream
K 4915	✓ 5	Himatanthus	Tree 20 m x 30 cm diam; white latex
K 4916	✓ 6	Violac	Treelet 1.5 m, mature fr black
4917	✓ 2	Pteridophyte	Terrestrial
K 4918	✓✓ 12	Leguminosae	Tree 25 m x 50 cm diam; corolla pale yellow
4919	✓ 1	Orchidac	Epiphyte, corolla yellow
4920	✓ 3	Lichen	Growing on dead log
K 4921	✓✓ 14	Passiflora	Vine, corolla and appendages red, fruit oblong
K 4922	✓✓ 12	Passiflora	Vine, corolla and appendages red, fruit round
K 4923	✓✓ 12	Rubiaceae	Shrub 2 m; corolla cream in bud, white in flower
K 4924	✓✓ 7	Heliconia	2 m tall, bracts green at base, red towards top, apex yellow green, perianth orange with green & white apices.
K 4925	✓✓ 12	Loranthac	Parasite, fruit red, maturing black
4926	✓ 2	Mimosa spruceana	Shrub 1 m tall with horizontal branches; capitula pale yellow
4927	✓ 6	Polyporac	Parasite on dead root, upper surface brown, lower surface white
4928	✓ 6	Fungus	Parasite on small dead twigs, white.

Ocotea sp.
det. J. Rohrer, 1985

Fr. Sep. *Himatanthus phagedaenicus* (Mart.)
✓ Det F. Markgraf '69 Woodson

✓ *Adiantum terminatum* Kze.
Det J. Michel + L. Atehortua 1981

Eschweilera atropetiolata
Mor det. S. Mori, 1990
✓ *Pectomeria grandiflora* Lindl.
Det Paton '69

Passiflora involucreata (Mast.)
A. Gentry
det. L. Escobar 1984

✓ *Passiflora quadrangulata*
Rodriguez del Rio de Costa
Sacco 1982

✓ *Passiflora tholiphioides*
del Rio de Costa Sacco 1982

Km 203

Remijia amazonica Schum.
✓ Det. Stoyemakh, 1969

✓ *Heliconia prittacorum* L. F.
Det. P. J. M. Maas, 1972
✓ *Pittacanthus* sp.
det J. Kuyt 1980

✓ *Mimosa spruceana* Sch
Det H. S. '69

- Rio Uruba between Cachoeiras Lindoia and Iracema near to Iracema
- K 4929 12 Inga Tree 4m; corolla greenish white; filaments, white
- K 4930 12 Coccoloba Vine; young fruit green
- 4931 1 Orchid Epiphyte; corolla yellow
- 4932 1 Orchid Epiphyte; corolla greenish
- 4933 1 Orchid Epiphyte
- 4934 12 Conopia Tree 7m; young fruit green
- K 4935 12 Cynometra Tree 3m; young pods ferruginous
- K 4936 6 Leguminosae Vine; corolla white
- K 4937 12 Licania Tree 6m; calyx greenish white
- K 4938 6 Panopsis Tree 7m; buds green
- K 4939 7 Gnetum Vine; young fruit pale green
- K 4940 4 ~~Apocynum~~ ^{Tournefortia} Shrub; buds green; white later
- 4941 1 Swartzia Tree; buds green
- K 4942 12 Rourea Vine; corolla cream
- K 4943 12 Malouetia Shrub; buds green, white later

June 3, 1968
Inga racemiflora Ducke
det J. Brines 1982

Coccoloba marginata Benth.
det RA Howard, 1971

Encyclia amicta (Lind.)
det R. B. & Schult. 1969

Polyblastia
det Patz 69 Rchb. f.

Galumna dives Pohl
det Patz 69

ful sep. Cynometra bauhiniifolia Benth.
det G. T. P. 69

C. spruceana var. phaeolacarpa
(Hayne) Dwyer det. A. S. Tavares 1988
det HSI 69

Licania hypoleuca Benth.
det G. T. P. 69

Roupala obtusa Kl.
det H. Gleumer 1970

Gnetum nodiflorum Brong.
det F. Markgraf, 69

Arbelonia laxa (Bth) Mag.
det F. Markgraf, 69

Swartzia laevicarpa
amckoff. det R. Cowan 70

M. kamaguarina var. lancifolia
M. Arg. det. M. Fallon 1986

Malouetia Ducke: Mg. f.
det F. Markgraf 69

- K 4944 ✓✓ 12 Myrtac Shrub 4m; fls white
 K 4945 ✓ 5 Polygal Vine, fls white
 K 4946 ✓ 2 Myrtac Tree 8m, fls white
 K 4947 ✓ 4 Scuticaria Epiphyte, corolla greenish white, cream dotted marks
 K 4948 ✓✓ 12 Violac Tree 15m; corolla cream
 K 4949 ✓✓ 10 Pera Shrub; young fr green
 K 4950 ✓ 5 Inga Tree 5m, corolla cream, fls white
 K 4951 ✓✓ 12 Microfolus Treelet 3m, corolla creamish-white
 K 4952 ✓✓ 10 Pithecolobium Tree 10m; corolla cream; fls white
 K 4953 ✓ 3 Myrtac Tree 8m, flowers white
 K 4954 ✓✓ 7 Laurac Treelet 2m, cupules red
 K 4955 ✓✓ 12 Aspl. Vine, fls greenish white; white latex
 K 4956 ✓✓ 10 Conocarpus Shrub 5m, corolla cream
 K 4957 ✓✓ 10 Miconia Shrub 3m; young fr green
 K 4958 ✓✓ 12 Eugenia Shrub to 4m, fls white
 K 4959 ✓✓ 12 Smilac Tree 3m; young fr green

- ✓ Myrcia fallax (Rich.) DC. Myrcia fallax (Rich.) DC.
 Det. R. MacVaugh 1972 sensu amplo Det. O. LeGrand, 1972
 Trigonias spruceana Warm.
 ✓ Det. E. Elias, 1974
 ✓ Xylocarpus strobilifer (L.) L. Det. S. Padet, 1970
 Moutaka floribunda - (L.) J. Pres - M. strobilifer
 Pera distichophylla (Mart.) Baill.
 det. G. Webster 1986
 ✓ Inga aff. Racemiflora Det. J. Grimes, 1982
 ✓ Miconia peruviana (Mart.) Benth. det. S. Elias 1981
 Pithocellobium marginatum Bth.
 ✓ Det. H. S. 1969
 ✓ Eugenia Det. R. MacVaugh, 1971
 Ocotea gracilis (Meisn.) Mez
 det. J. Rohrer
 ✓ Jussiaea sp. aff. J. sp. aff. det. S. Elias 1982
 ✓ Cynanthum Det. D. S. 1982
 Cybiantus spicatus (L.) Kuntze
 det. J. P. 1982
 Miconia wittii Ule
 ✓ Det. J. J. Wurdack 1989
 ✓ Eugenia Det. R. MacVaugh, 1972
 ✓ Swartzia tessmannii Harms
 det. R. S. 1982

R. 4960	✓✓✓ 12	Commelinaceae	Herb to about 0.5m, spreading. Infl. axillary, simple, short black, turning bright blue.	
4961	✓ 1	Fern	Terrestrial	
4962	✓ 2	Fern	Terrestrial	
K 4963	✓✓✓ 10	Rubiaceae	Treelet 2m. Infl. axis crimson-purple, young fruit green	✓ <i>Palicourea longiflora</i> (Aubl.) Rich. det. J. H. Kirkbride, 1977
4964	✓ 1	Sciaphila	Saprophytic herb on forest floor. whole plant except roots shades of blue-purple	
4965	✓ 4	Fungus	White, on bole of tree 0.5m. from base	
4966	✓ 2	Geraniaceae	Saprophytic herb in leaf litter. Plant totally cream	
	✓ 1	? Vayria		
4967	✓ 1	Palmae	c. 3m. tall. Fruits vermilion	
4968	✓ 2	Rubiaceae	Shrub 1.5m. Fruits black	<i>Palicourea corymbifera</i> (Th. Arg.) Standl. det. C. Taylor 1984
4969	✓ 1	Araceae	Epiphyte on tree. Young spadix cream	Spathe pale green, diffusely with purple UNICATE. <i>Anthurium</i> det. D. H. Nicolson, 1972
K 4970	✓ 5	Apocynaceae	Shrub 1m. Corolla tube base cream	<i>Anthurium atropurpureum</i> Schultes var. <i>arenosum</i> Croat. det. T. Croat 1986
	✓		purple; limb dull cream.	<i>Aracantha rigida</i> (Miers) Markgraf det. F. Markgraf, '69
K 4971	✓ 4	Piperaceae	Treelet 2m. Young infructescence green	✓ <i>Braffortia peruviana</i> (Mey.) Bort. det. M. de la Torre 1982
4972	✓ 1	Conomorpha	Shrub 1.5m. Buds pale green	
4973	✓ 3	Fern	Possibly epiphytic, fallen from tree	
K 4974	✓✓✓ 10	Fern	Epiphyte on palm.	prob. <i>Blepharodon</i> det. H. M. G. 1988
				✓ <i>Psychotria polyccephala</i> Benth. Det. Steyermark, 1969
				✓ <i>Schizaea elegans</i> Swartz var. <i>flabellum</i> A. Comp. Det. W. Rodv. 65
				✓ <i>Trichomanes vittaria</i> DC. Det. J. T. Mickel, 1970
				✓ <i>Palicourea</i> sp. Det. Steyermark, 1969
				✓ <i>Sciaphila purpurea</i> Benth. Det. J. T. Prance, 1970
				✓ Discarded-only Mycelium det. L. Ryvarden, 1980
				✓ <i>Vayriella</i> sp. ^{oxycarpa Sandw.} Det. P. J. M. Maas [Det. S. Nilsson, 1970]
				✓ <i>Iriartella setigera</i> (Mart.) H. Wendl. Det. H. E. Moore, 1972
				✓ <i>Palicourea</i> - det. H. J. 1977

- K 4975 ✓ ✓ *Cyperaceae* Base of plant and venation of leaves
white.
- K 4976 ✓ ✓ *Polygalaceae* Rio Urubá between Caturra and Natal, at Manaus-Caturra road - 5 km / me, River bank
Vine, corolla pink
- K 4977 ✓ ✓ *Eperua* Tree 3m, common - smooth, corolla pink
✓ *Eperua duckeana* Cowan Det. 5/74
- 4978 ✓ *Leguminosae* Vine, pale green
- K 4979 ✓ ✓ *Rubiaceae* Tree 10m x 10 cm diam
- 4980 ✓ *Rubiaceae* Treelet 2m, young fr. green
Plant sterile, discarded
- K 4981 ✓ ✓ *Rubiaceae* Shrub 3m, mature fr. red
- K 4982 ✓ ✓ *Rapateaceae* Fungus, clumps - fruit yellow
- K 4983 ✓ ✓ *Sapotaceae* Tree 6m, fr. yellow, bark white
Apocynaceae
- K 4984 ✓ *Hirtella* Treelet 4m
- K 4985 ✓ *Cyperaceae* Herb, fungus, large clumps
- K 4986 ✓ ✓ *Malvaceae* Shrub 3m, inflorescence and young fr. pink
✓ *Miconia comptifolia* Wurdack
PARATYPE
- K 4987 ✓ ✓ *Annonaceae* Tree 8m x 10 cm diam, young fr. yellow
- K 4988 ✓ *Vismia* Tree 3m x 10 cm diam, corolla greenish white
- K 4989 ✓ *Palmae* 1m tall

- ✓ *Calyptracarya bicolor* (Nees) T. Koyama
Det. T. Koyama, 1969
- ✓ *Securidaca paniculata* A. R. Ch.
Det. J. W. Wurdack
- ✓ *Eperua Schomburgkiana* Bth
Det. H. S. I., 69
- ✓ *Cuscutaria*
Det. R. S. Cowan, 1973
- ✓ *Psychotria* sp.
- ✓ *Psychotria* sp. ^{subsp. heterophylla}
- ✓ *SaxoFridericia* sp.
Det. M. S. I., 1971
- ✓ *Lacmellea gracilis* (Muell. Arg.)
M. S. I. det. A. Leeuwenberg, 1991
- ✓ *Hypolytrum schradonianum* Nees
Det. T. Koyama '69
- ✓ *Miconia* sp.
Det. J. Wurdack '69
- ✓ *Ephedranthus amazonicus* R. E. Fries
det. P. Maas, 1996
- ✓ *Geonoma deversa* (Poir.) Kunth
Det. H. F. Moore, 1912

- 4990 ✓ 2 Anacard. Epiphyte
- K 4991 ✓ 6 Gramineae stems solitary
- K 4992 ✓ 11 Licania Tree 18m x 20 cm diam. galled
- K 4993 ✓ 8 Utricularia Serra da Lúa, Rio Urubá below Cachoeira Ivaçema on Natal
Growing on the mossy trunk of a sapling on a cliff face; corolla yellow
- K 4994 ✓ 12 Plourd. creeping on cliff Moist cliff face
- K 4995 ✓ 10 Plourd. Growing on branches of sapling on
- K 4996 ✓ 12 Moss Growing on moist cliff face
- K 4997 ✓ 6 Licania " "
- K 4998 ✓ 12 Celastr. Treelet 3m growing on moist cliff face
- K 4999 ✓ 12 Melastomac. Creeping epiphyte on moist cliff face, mature fr. blue
- K 5000 ✓ 12 Melastomac. Subshrub to 60 cm tall, growing in cracks in moist cliff, corolla and style white; young fr. green
- K 5001 ✓ 12 Polypodiaceae Vine on tree branches of moist cliff
- K 5002 ✓ 7 Gentianeae Herb growing on cliff face, corolla white
- K 5003 ✓ 12 Selaginella Growing on moist cliff face
- K 5004 ✓ 5 Selaginella

- ✓ *Philodendron* sp.
Det. D. H. Nicolson, 1972
- ✓ *Schnaptus panicoides* Beauv.
Det. P. Davidse 1973
- ✓ *Licania micrantha* Miq.
Det. G. T. P., 1968
June 6, 1968
- ✓ *Utricularia subulata* L. (on usual)
Det. P. Taylor, 1970
- ✓ *Tricomanes* sp.
Det. M. S. 1/04/1971
det J. Mickel, T. Keen 1980
- ✓ *Polypodium (Microgramma) lycopod-*
des L. Det. J. T. Mickel, 1971
- ✓ *Ocoblepharum mitternag-*
det W. Steud 1949
- ✓ *Clidemia epiphytica* DC.
det J. J. Wurdack 1979
var. *trichocalyx* (Blake) Wurdack Det. J. J. Wurdack, 1969
- ✓ *Clidemia naevula* (Naud.) Triana
Det. J. J. Wurdack 69
- ✓ *Polypodium (Microgramma) lycopod-*
des L. Det. J. T. Mickel 1971
- ✓ *Chelonanthus viridiflorus*
(Mart) Gilg Det. S. Nilsson, 1970
- ✓ *Trichachia alata* (Aubl.) Maas
Det. P. J. M. Maas, 1983

K 5005	✓✓ 12	Grommaceae	forming large clumps on
K 5006	✓✓ 12	Pteridophyte	Growing in clumps on
K 5007	✓ 5		Growing on ^{moist} cliff face
K 5008	✓ 5	"	Growing in clumps on
K 5009	✓ 6	Fungus	Growing on steep forest cliff
K 5010	✓✓ 12	Peridiscus lucidus	Tree 2.2m x 50 cm dia. (WOOD SAMPLE SENT TO SYRACUSE)
5011	✓ 2	Menispermaceae	Banks of Rio Uinbu between Vine; corolla green
K 5012	✓✓ 12	Licania	Tree 12m x 15 cm dia.
K 5013	✓✓ 12	Licania longistyla	Tree 8m x 10 cm dia.
K 5014	✓✓ 12	Arilaceae?	Shrub 4m; young fr. green
K 5015	✓✓ 10	Myrtac	Treelet 4m; fr. yellow
5016	✓ 1	Heliconia	Bracts red, fls. white
K 5017	✓✓ 7	Selaginella	Common on forest floor
K 5018	✓✓ 12	Connarac	Liana, mature fr. yellow
K 5019	✓ 7	Malvaceae	Tree 5m, overhanging river

mount cliff face	✓ Raddiella det. G. Dams 1973
cliff face	✓ Raddiella eschbeckii (Steud.) Calderon & Soderstrom det. T. Filgueiras, 1998
	✓ Diplazium lechleri (Mett.) Moore Det. J. T. Mickel, 1970
	✓ Adiantum tomentosum det. Mickel & Reeves 1980
cliff face	✓ Polypodium sp. Det. M. Silva 1971
	✓ Pteris longistyla (Dun.) Det. A. Smith 1976
fr. sep. wood	Peridiscus lucidus Benth. ✓ Det. H. Sienkiewicz 1970
between Imeri and Manaus-Camaraca road	
slat red	Licania heteromorpha Benth. var. heteromorpha Det. 1966
fls. brownish white, highly scented	Licania longistyla (Hook f.) F. Tutin Det. L. T. P. 1968
	✓ Triumfetta altheoides Lam. det. M. J. Silva 1972
	✓ Eugenia cf. ferreiracana Berg. det. R. McVaugh, 1972
	✓ Eugenia det. R. McVaugh 1972
	✓ Macrolobium suancolense sp. ex Benth. var. suancolense det. R. L. Cowan, 1975

K-5020	✓	8	Pera	Treelet 3 m, fl. purple
5021	✓	2	B. melaleuca	Epiphyte, base 50 cm
K-5022	✓	1	Palmae	up to 4 m tall, 7 leaves
K-5023	✓✓	12	Maxillaria	Epiphyte, corolla orange-red
K-5024	✓	6	Violaceae Polygalaceae	Lioma, mature fr. yellow
5025	✓	2	Orchidaceae	Epiphyte Serra da Lua
K-5026	✓	6	Hymenophyllaceae	
K-5027	✓	8	Piperaceae	Treelet 1.5 m; infl erect
K-5028	✓	1	Melastomaceae	Shrub 1m with spreading
K-5029	✓✓	12	Psychotria	Shrub to 2 m tall, fr. yellow green, maturing white
K-5030	✓	5	Cyperaceae	Growing in clumps - young fr.
5031	✓	3	Potallia amara	Tree 2.5 m, young fr. brown
K-5032	✓✓	12	Myrtaceae	Treelet 4m; mature fr. red
K-5033	✓	4	Hymenophyllaceae	Growing flat on tree trunk
5034	✓	1	Rubiaceae	Treelet 2m; infl axis
5035	✓	1	Rubiaceae	Treelet 2m; infl axis

Pera distichophylla (Mart.) Baill.
det. G. Webster 1986

Aechmea tillandsioides (Mart.) ex Sm.
det. L.B. Smith, VII, 1964

✓ *Iriartella setigera* (Mart.) H. Wendl.
det. H. E. Moore 1972
✓ *Maxillaria nasuta* Rehb.
det. G. Pabst 1970

Mantabea

-J. Wundack, 1998

✓ *Bifrenaria longicornis* Lindl.
det. Pabst '69

Forest on Serra da Lua

✓ *Piper alatabacum* Julease
Gunder det. R. Calleja 1979

✓ *Trichomanes pinnatum* Hedw.
det. J. T. Michel, 1970

Maranta arundinacea L.

det. J. T. Michel, 1970

✓ *Psychotria manausensis* Stoyerm.
PARATYPE det. Stoyerm., 1969

Psychotria sulogon Heteropsychotria
det. J. H. Kirkbride 1979

✓ *Psychotria* sp.

✓ *Eugenia* sp.
det. R. M. C. Vaughn 1979

✓ *Trichomanes ankersii* Parker
det. J. T. Michel, 1970
✓ *Psychotria* sp.

det. Stoyerm., 1969

✓ *Bactris hirta* Mart.
det. H. E. Moore, 1972

5036	✓ 2	Martiac	Fruits orange
K 5037	✓ 4	Rapateac	Herb to 2.5 m tall with arching leaves, leaf sheath white, base becoming pale green with dark green spots, lamina green, base of scape white to green above, infl dirty black
5038	✓ 1	Holcaceae	1 m tall; spathe dark purple; young fr green maturing black
5039	✓ 1	Palme	To 1 m tall, leaves glaucous, leaf joint to leaf fifth
K 5040	✓ 4	Cyperac	Growing solitary on steep slope
K 5041	✓✓ 10	Cyperac	To 1 m tall
K 5042	✓✓ 12	Loganiac	Shrub with scandent branches
K 5043	✓✓ 12	Rubiaceae	Banks/Rio Urubu between Cachoeira Iracema and Maracá-Iracema beside river mouth
K 5044	✓✓ 9	Rhabdodendron	Treelet 3 m, young fr green; amazonicum (Spr. ex Benth) Hub.
K 5045	✓✓ 12	Gramineae	Abundant on sandy forest floor, stem arching and the fruiting
5046	✓ 4	Fungus	Growing on dead stick, pale brown color
K 5047	✓✓ 12	Coccoloba	Vine; young fr green, mature reddish brown
K 5048	✓✓ 7	Miconia	Treelet 3 m
K 5049	✓✓ 12	Bocageopsis	Tree 12 m x 15 cm diam
K 5050	✓ 8	Miconia	Tree 4 m, young fr brown

✓	Calathea aff. altissima (Pr E) Koc Det H. Kennedy 1972
✓	Sporthantus unilateralis (Rudge) Desv. var unilateralis Det M.S. / Va 1971
✓	Bacris simplicifrons Mart. Det J.T. Prance, 1972
✓	Calyptranthes glomerulata Hub. Det T. Koyama, 1970
✓	Hypolytrum schraderianum Nees Det. T. Koyama, 1989
✓	Tachira sp Det. S. Nilsson, 1970 June 7, 1968
✓	Remijia amazonica Schum. Det Stojemah, 1969
✓	Rhabdodendron macrophyllum (Spr. ex Benth) Hub. Det. J.T.P. 69
✓	Coccoloba marginata Benth det RA Harwood 1971
✓	Miconia willii Vle Det JJ Wouda 69
✓	Bocageopsis canescens (Spruce) R.E. Fr. Det. J. van Dooden, 1978
✓	Liconia savanarum Prance Det J.T.P. 1969

K 5051	✓✓ 12	Parkia	Tree 20m x 40 cm diam
5052	✓ 5	Pteridophyte	Growing on trunks of trees
K 5053	✓✓ 4	Violac	Liana, corolla white
K 5054	✓ 6	Polyporac	Growing on dead tree stump; surface white
K 5055	✓✓ 12	Melastomac	Tree 8m x 10 cm diam; calyx green, tube red; corolla yellow; stamens purple
K 5056	✓✓ 12	Sapotac	Tree 15m x 20 cm diam; orange pulp
K 5057	✓✓ 12	Pteridophyte	Epiphyte
K 5058	✓✓ 12	Rubiac	Trailing herb, inflorescence purple, fruit pale purple
K 5059	✓ 5	Pteridophyte	Creeping on tree trunks
K 5060	✓ 6	Polyporac	Growing on forest floor; upper surface dark brown, lower surface white
K 5061	✓ 4	Convolvulac	Parasite; flowers red
5062	✓ 12	Annonac	Tree 5m overhanging river, fruit orange
K 5063	✓✓ 12	Convolvulac	Liana; mature fr red
K 5064	✓✓ 12	Pteridophyte	Terrestrial
5065	✓ 2	Pteridophyte	Terrestrial
K 5066	✓✓ 12	Pteridophyte	Terrestrial

✓ <i>Parkia oppositifolia</i> Benth. det M.T. Jansen-Jacobs ✓ <i>Parkia nitida</i> Mez det H. Kops 1981	✓ <i>Parkia</i> sp. Det HSI, '69 ✓ <i>Hecistopteris pumila</i> (Spring.) J. Sm. Det. J.T. Mickel 1970 <i>Montanea</i> sp. ✓ <i>Trametes c.f. minites</i> det. L. Ryvarden, 1980 <i>Miconia tomentosa</i> (Rubi) Don (incl. <i>M. repens</i>) det J.T. Wurdack, 1969 ✓ <i>Pouteria laevigata</i> (Mart.) Radlkof. det. T. Pennington 1989 ✓ <i>Nephrolepis biserrata</i> (Sw.) Schott Det. J.T. Mickel, 1970 ✓ <i>Psychotria polyccephala</i> Benth. Det. Steyer. , 1969 ✓ <i>Trichomanes ankersii</i> Parker Det. J.T. Mickel, 1970 ✓ <i>Hymenochaete damaecornis</i> det. L. Ryvarden, 1980 ✓ <i>Phthirusa rufa</i> (Mart.) Eichl. Det. J. Kuijt, 1990 <i>Bocageopsis</i> - det on JPA sheet <i>BOCAGEOPSIS CANESCENS</i> (BENTH) R.E.F. DET: M.L. VERMEER + P.J.M. VARS, 2001 ✓ <i>Mauia scandens</i> Aublet det L. Austin 1980 Triplorhynchium DICKSONIODES (FEE) Holttum DET: P.J. EDWARDS, 2004 ✓ <i>Mauia nitulata</i> det. D.F. Austin 1977 ✓ <i>Ctenitis protensa</i> (Afz.) Ching Det J. T. Mickel, 1970 ✓ <i>Metaxya rostrata</i> (H.B. Willd.) Presl. Det. J.T. Mickel, 1970
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5067	✓ 6	Fungus	Growing on dead leaves; white	column	
K-5068	✓ 12	Leguminosae	Tree 10m; calyx red; corolla blue; cauliflorous	alexia sp. det. H.C. de Lima 1986	Clitoria sp. NO! det. J. Kuijt
K-5069	✓ 12	Loranthaceae	Parasite in Inga; fr reddish brown		Phthirusa sp. det. J. Kuijt 1980
5070	✓ 1 set x 4	Rauvolfia	5m tall; bracts green; fl pale yellow; leaf lamina 2.23m in length	UNICATE average parts separate	Rauvolfia guyanensis det. D.H. Nicolson, 1972
5071	✓ 8	Tricardium	Saprophyte on forest floor		
K-5072	✓ 8	Malpigiaceae	Liana; young fr with green	Banks of river	Heliconia nervosa Ad. Juss. det. W.C. de Meillon, 1974
K-5073	✓ 12	Malpigiaceae	Liana; corolla yellow		
K-5074	✓ 12	Strychnos	Liana; mature fr yellow		Strychnos ronderetoides Spr. det. B.A. Kuhl, 69
K-5075	✓ 5	Malvaceae	Treelet 3m; corolla white	shrub white	Ambelania longiloba Mg. det. F. Markgraf 1970
K-5076	✓ 9	Malvaceae	Shrub 3m; corolla white; purple at mouth of tube		Anacampa pendula Markgraf TYPE
K-5077	✓ 12	Dilleniaceae	Liana; mature fr orange		Dolioscarpus n. sp. det. K. Kubitzki, 1970
K-5078	✓ 12	Rhabdodendron	Treelet 3m; young fr green	growing in water	Rhabdodendron macrophyllum (Spr. det. B. T. P. '69)
K-5079	✓ 12	Loranthaceae	Parasite in Dimorphanthera; young fruit green	Psittacanthus aff. acinacius det. J. Kuijt	Psittacanthus sp. aff. cornucephalus Eichl. 2004 det. J. Kuijt 1980
5080	✓ 3	Hippocratiaceae	Liana; mature fr orange		Licania hypoleuca Benth. det. B. T. P. '69
5081	✓ 12	Licania	Tree 10m x 25 cm dia	calyx green; fruit reddish	

- K. 5082 ✓✓ Loranthaceae Parasite, fls. brown, green
- K. 5083 ✓✓ Myrsinaceae Treelet 2m, fls. brown
- K. 5084 ✓✓ Sapindaceae Treelet 3m, fls. brown
- K. 5085 ✓✓ Conomophth Treelet 3m, fls. green
- K. 5086 ✓✓ Wurzwickia Tree 6m
- 5087 ✓✓ Schwaheia Epiphyte, black, green
- K. 5088 ✓✓ Analiaceae Treelet 3.5m. Buds + infl. axis yellow
- 5089 ✓✓ Rhabdodendron Treelet c 2.5m
- K. 5090 ✓✓ Tapura Tree 16m. Calyx greenish-yellow. Lvs. white. Stem of bark at 2m c. 1cm
- 5091 ✓✓ Fungus White on debris in forest floor
- K. 5092 ✓✓ Sapindaceae Treelet 6m. Buds pinkish cream
- K. 5093 ✓✓ Fungus White on wood bottom tree
- K. 5094 ✓✓ Lecythidaceae Tree c. 20m. Lvs. very fragrant. Petals purple
- K. 5095 ✓✓ Rubiaceae Tree 8m. Calyx green. Lvs. in bud green
- 5096 ✓✓ Ficus Epiphyte high in tree 50m

✓ Phoradendron pallucidulum Eichler
Fls. Neotropic monog. Gr

✓ Phoradendron sp.
det J. Küst 1980

✓ J.P. 1980

✓ Cybanthus guyanensis (A.C.) Hignel
det. G. Agostini 1971

✓ Matayba macrolepis Radlk.
det. T. Pennington 1980

✓ Matayba sp.

Det. J.P. 1969

✓ Cybanthus pseudocacoreus (Mig.)
en Martius! Agostini det. Appl. 1980

✓ Cybanthus sp. (Section Conomophth)
det. G. Agostini 1971

✓ Streptocaulon longifolius (Rudge) Baer
det. L.D. Smith VII, 1980

✓ Schefflera sp.
S. ciliatifolia Frodin
det. D. Frodin, 1978

✓ Rhabdodendron macrophyllum
(sp. ex Barth.) Hub. Det. J.P. 70
Tapura air. ...
var. ...
det. J.P. 1980

✓ Talisia longifolia Radlk.
Det. m. 7 Silva 1975

(Immature polypore)

✓ Staminal hood pink diam. of bds at 1m - c. 4.5m

✓ Corythocheila adha Knuth
Det. P.T. Prentice 1971

✓ Genipa americana L. var americana
det. J. Steyermark 1977

✓ Duroia n. sp.

✓ Det. Steyermark, 1969

✓ Asplenium angustum Swartz
Det. J.T. Mickel, 1969

K 5097	✓✓ 12	Burseraceae	Tree c. 8m Yang fu to brown l. green		<i>Protium strumosum</i> Daly Det. D. Daly, 1990
K 5098 10. vi. 68	✓✓ 6	Flacourtiaceae	Tree in river about 2m above water. Yang fu to green	Riverbank between factory & Nam-Hao rd	<i>Ligustrum suaveolens</i> (P.S.P.) 1971. Det. H. Steurman, 1972
K 5099	✓✓ 12	Hedera	Epiphyte on tree in river. Scape & infl 1.5m dark pink. Infl., calyx & bracts (floral) scarlet.		<i>Aechmea huchbieri</i> Harms. Det. L.B. Smith, '69
K 5100	✓✓ 3	Orchidaceae	Photo! Epiphyte. Outer corolla lobes greenish brown. Labellum white with purple markings		<i>Daleandra devoniana</i> Schomb. Det. G. P. P. 1970.
K 5101	✓✓ 4	Ananas	Terrestrial, bracts and upper leaves tinted red		<i>Ananas</i> sp. Det. L.B. Smith '61
K 5102	✓✓ 2	Dioecia	Liana; corolla purple		<i>Dioecia macrocarpa</i> Hubert Det. R.H. Maxwell, 1959
K 5103	✓✓ 6	Himatanthus	Tree 4m; pods green; white latex	1/2 Sep ✓	<i>Himatanthus articulatus</i> (Vahl) Woods - Det. 7 Markgraf '73
K 5104	✓✓ 6	Leguminosae	Liana		
K 5105	✓✓ 9	Myrtac	Tree 8m x 10 cm diam; f. green	✓ <i>Eugenia cf. ochrophloea</i> Diels Det. R. McVaugh 1972	<i>Eugenia</i> Det. R. McVaugh 1972
K 5106	✓✓ 9	Russifolia	Vine, corolla red		<i>Russifolia</i> sp. (Hager & Exell) 1972 Det. L. B. Smith '72
K 5107	✓✓ 12	Hymenocallis	Tree 15m x 40 cm diam, f. green	✓ <i>Hymenocallis</i> sp. Det. HSI, 69	<i>Hymenocallis</i> sp. Det. HSI, 69
K 5108	✓✓ 6	Licania	Tree 15m x 20 cm diam, f. green		<i>Licania micrantha</i> Mig. Det. J.T.P., 1968
K 5109	✓✓ 12	Dalbergia	Liana, corolla white	INPA sheet det by Irwin as <i>Dalbergia volubilis</i>	<i>Dalbergia monetaria</i> L.f. Det. HSI, '69
K 5110	✓✓ 12	Vochysia	Tree 6m, corolla yellow		<i>Vochysia obscura</i> Warm. Det. M.L. Kawasaki, 1991
K 5111	✓✓ 12	Dimerandra	Tree 15m x 60 cm diam	✓ <i>Dimerandra</i> cf. <i>curvata</i> (L.f.) Det. M.K. Arnold 1972	<i>Dimerandra</i> cf. <i>curvata</i> (L.f.) Det. M.K. Arnold 1972

- ✓ 5112 3 *Platycodon* Epiphyte
- ✓ 5113 12 Leguminosae Tree 8m, growing in wet, pod brown
- ✓ 5114 10 Vochysia Tree 6m; corolla yellow
- ✓ 5115 12 Tovomitia Shrub 3m, filaments white; flowers highly scented, greenish white
- ✓ 5116 12 Loranthaceae Parasite, mature fr. reddish-brown
- ✓ 5117 12 Pera Tree 10m x 20 cm dia, growing in wet
- ✓ 5118 3 Mabea Shrub 3m tall
- ✓ 5119 12 Linderum Creeping herb rooting at nodes. Corolla white, limb white, lilac blue at throat. Photo! *Linderum microcalyx* Pennel & Stehle
- ✓ 5120 12 *Strobilanthus* Climbing herb in forest. Lustrous red
- ✓ 5121 5 Rubiaceae Shrub 1m. Fls. bright lilac-purple
- ✓ 5122 5 Leguminosae Woody climber. Standard lilac, petals cream; keel white, calyx purple
- ✓ 5123 3 Sauvagesia Sub-shrub perennial herb. Fls. bright red
- ✓ 5124 5 Sauvagesia Sub-shrub or small tree. Fls. pink. Growing with 5124. Possibly same species.
- ✓ 5125 6 Apocynaceae Shrub 1m. Fls. pink. Fruits ripening dark crimson-brown
- ✓ 5126 2 *Cichlasia* Terrestrial. Fls. yellow (pale). In wet sand. Fruits glaucous

- ✓ *Polypodium bombycinum* Maxon
Det. J.T. Mickel, 1970
- ✓ *CLATHROTROPIS NITIDA* (BENTH.) HARMS
Det. R.S. Cowan, 1976
- ✓ *Pocillanthus amazonica* Ducke
Det. J.M. Pires, 1980
- ✓ *Clathrotropis amazonica* (Ducke) Ducke
Det. C.H. Straton, 1987
- ✓ *Phthirusa* sp.
Det. J. Kuijt, 1980
- ✓ *Phthirusa* sp.
Det. J. Kuijt, 1990
- ✓ *Pera bicolor* (Kl.) M. Arg.
Det. G. Webster, 1986
- ✓ *Phyllanthus* det. G. Webster, 1987
- ✓ *Rynoporus sanguineus*
Det. L. Ryvarden, 1980
- ✓ *Psychotria manausensis* Steyerj.
PARATYPE Det. Steyerj., 1969
- ✓ *Clitoria sagotii* Fantz
var. *Sprucei* Fantz Det. P.R. Fantz, 1977
- ✓ *Sauvagesia ramosa* (Glazov) Saric
Det. C. Sastre, 1970
- ✓ *Sauvagesia sprengelii* St. Hil.
Det. C. Sastre, 1970
- ✓ *Calactophora calycina* (Huber) Woodson
Det. F. Markgraf, 1969
- ✓ *Catasetum discolor* Lindl.
Det. G. Pabst, 1969

- K. 5127 ✓✓ 12 Gramineae Glumes crimson turning black Anthers cream. *Pariana radici* Flora Sagot ex Doell
- K. 5128 ✓✓ 6 Sapindaceae Woody climber. Calolla cream; staminal appendage cream with yellow tip. *Paullinia speciosa* Benth det T. Pennington 1980
- K. 5129 ✓✓ 12 Dieracaceae Herbaceous climber. Flowers greenish brown. Young fruit pale green
- K. 5130 ✓ 3 Heliconiaceae Sub-shrub c. 0.5m Calolla white Petiole pale green
- K. 5131 ✓✓ 12 Flacourtiaceae Shrub 2m Calolla cream Young fruit pinkish-green + crimson ripening brown
- K. 5132 ✓ 4 Simarubaceae Treelet c. 2m Inflorescence terminal Fruits brick-red, receptacle orange
- K. 5133 ✓✓ 12 Zingiberaceae Herb to 2.5m Inflorescence basal. Fls. pale yellow. Fruits dark green ripening black. Remains of flower yellow.
- KE 5134 ✓✓ 10 Commelinaceae Climber. Fruits pale green at base, dark purple at apex. Internally bright violet; seeds slate grey with bright orange anal.
- K. 5135 ✓✓ 6 Ananas *Ananas ananassoides* Photo!
- K. 5136 ✓ 2 Nidularium Leaves crimson at base. Calolla cream Photo!
- K. 5137 ✓ 5 Melastomaceae (Myrtaceae) Treelet 5m. Fruits ripening yellow-brown *fam. indet*
- K. 5138 ✓ 5 Sapindaceae Shrub c. 1.5m. Ripe fruit dark brown. Seeds black
- K. 5139 ✓✓ 12 Araceae Epiphyte Young spathe green with crimson margin. Leaves with yellow petiole. *Philodendron deflexum* Poeppig det. T. Croat, 1985
- K. 5140 ✓✓ 12 Piperaceae Shrub 1m tall Infl. pendulous, cream
- K. 5141 ✓✓ 12 Turneraceae Shrub to 1.5m Fls. yellow. Young fruit green

- ✓ *Pariana* det G. Saunders, 1973
- ✓ *Paullinia* sp. Det G. T. P. 1969
- ✓ *Acrotis longifolia* (DC.) Triana Det J. T. Wurdack 69
- ✓ *Casuarina javitensis* HBK Det H. Sleumer, 1970
- ✓ *Picrolemma sprucei* Hook. Det. S. Hill & G. T. P. 1972
- ✓ *Renealmia floribunda* K. Sch. Det. P. J. M. Maas, 1969
- ✓ *Dichorisanthes* sp. det. D. Hunt 1974
- ✓ *Ananas ananassoides* (Baker) L. B. Smith Det. L. B. Smith, '69
- ✓ *Bromelia tubulosa* L. B. Smith Det L. B. Smith, 1969
- ✓ [Sent to Morley as *obovata*!]
- ✓ *Cupania rubiginosa* Radlk Det. G. T. P. 1969
- ✓ *Philodendron myrmecophyllum* Engler det T. Croat 1983
- ✓ *Piper nigrissimum* C. AC det R. Callias 1979
- ✓ *Campinha* a white sand

- K. 5142 ✓ Euphorbiac Shrub 1.5m. Fls. apetalous or petals greenish pale
K. 5143 ✓ Cladonia Lichen.
K. 5144 ✓ Paepalanthus Acaulescent, tufted herb. Capitula green
K. 5145 ✓ Paepalanthus Short caulescent herb. Capitula green
K. 5146 ✓ Icacinac Treelet 3m. branches spreading Yang fruit pale green
K. 5147 ✓ Humiriac Shrub 1.5m. Petals white turning crimson at base
K. 5148 ✓ Theaceae Shrub 1m. Calyx green to crimson apex. Yang fruit reddish-green
K. 5149 ✓ *Macrobium* (myset with covering labels missing) Shrub 1.5m. Corolla white. Stamens stigma crimson
K. 5150 ✓ Rubiaceae Shrub 2m. Yang fruit green
K. 5151 ✓ Croton Shrub 1.5m. Fls. cream Yang fruit green
K. 5152 ✓ Malpighiaceae Thin herb, woody. Corolla yellow, lobed Yang fruit with crimson greenish white pale green
K. 5153 ✓ Bredemeyera Clim. woody. Corolla yellow Yang fruit pale green
K. 5154 ✓ Flacourtiaceae Treelet 3m. Fruit green
K. 5155 ✓ Vernonia Per. herb. 2m. Fls. purple, pappus white
K. 5156 ✓ Polygalaceae as 5153 but in full flower

Mabea prancei Emmeichs (TYPE) det. H.-J. Esser, 1973
5143a *Cladonia corallifera* (Kunze) Nyf
thamnolic acid Det. T. Ant. 1984

5143b *Cladonia corallifera* (Kunze) Nyf
didymic acid Det. T. Ant. 1984

Syngonanthus densus (Körn.) Ruhl.

✓ Det. Moldenke, 1969

Paepalanthus polytrichoides var.

✓ Det. Moldenke, 1969

MG sheet det by P.B. Cavalcante
INPA sheet det by M.E. Vondra Beny or
glaber Moldenke
Emmotum orbiculatum
Emmotum nitens (Rostk.) Miers det R.H. Howard 1976

✓ *Macrobium arenarium*
Ducke - det. R.S. Cowan 1973

Pagamea thyrsiflora Spr. ex Benth.

✓ Det. Stojanovich, 1969

CROTON DISSECTIPOLARIS R. SECCO

DET: R. SECCO

HOLOTYPE: BRITTONIA 56.2004

Vicinity of Jaci Paraná, Sec. 1
on road. WNW of village
✓ *Bairsteupia lucida* (Guss.)
Craib
det. B. J. 1979

✓ *Bredemeyera floribunda* Willd.

Det. J.T. Wurdack, 54

Dryopogon sp.

✓ Det. L. Steumer, 1970

✓ *VERNONIA SALZMANII* DC.
det. H. Robinson '83

✓ *Bredemeyera* fr. on road WNW
det. =

- K 5157 ✓✓ 12 *Serjania* Herbaceous climber Fls. white
- K 5158 ✓✓ 12 *Gramineae* c. 2m. Fruits glossy black
- K 5159 ✓ 6 *Ligularia* Herbaceous climber Corolla orange
- K 5160 ✓✓ 12 *Carvolvul* Herbaceous climber Calyx yellow green Corolla white
- K 5161 ✓✓ 12 *Davilla* Woody climber Buds yellow green
- K 5162 ✓✓ 9 *Hottia* Treelet c. 3m. Calyx pale yellow inside Corolla etc. yellow
Apoiba
- K 5163 ✓✓ 12 *Dioscorea* Climber, fls. creamish-green
- K 5164 ✓✓ 12 *Crotalaria* Per herb Corolla crimson
- K 5165 ✓✓ 12 *Cochlospermum* Tree 4m. Fls. large, yellow. Fruit leafless
Photo!
- K 5166 ✓✓ 12 *Leguminosae* Climber. Young fruits pale green. Stamens yellow, anthers scarlet keel yellow
- K 5167 ✓✓ 12 *Acanthaceae* Herb 1.5m Corolla scarlet-crimson
- K 5168 ✓✓ 12 *Dalbergia* Climber. Young fruits green
- K 5169 ✓✓ 12 *Phytolacca* Herb c. 2.5m. Fls. pink many green. Stamens cream. Infruct. axis purpl. - crimson Young fruit green
- K 5170 ✓✓ 11 *Melastomaceae* Shrub 1m. Fruits black Fls. white
- K 5171 ✓✓ 12 *Apocynaceae* Climber young fruit green Shrub 1.5m. Corolla white

Serjania caracasana Willd.

✓ Det. J.T.P. 1969
✓ *Lasiacis ligulata* Hitchc. & Chase - Det. H. Daubert 1973

! Agent
1983

Pyrostegia dichotoma Miers ex K. Schum.

Det. D.R. Hunt 1972

Sponsoea glabra (Aubl.) Choisy
Det. K. Becker, 1972

✓ *Merremia glabra* (Aubl.) O'Donnell - Det. G. Staples Dec. 1977
✓ *Merremia macrocalyx* (Ruiz & Pavon) O'Donnell - Det. G. Staples Dec. 1977

✓ *Davilla kunthii* St. Hil.

Det. K. Kubitzki, 1970

✓ *Apelba tiburbon* Aubl.
Det. M. J. Silva 1972

Comptosema ellipticum (Desv.) Burk.
det. Del'Arco 1985

Dist. as 3 ✓ *Comptosema* sp.

✓ Det. R. H. Maxwell 1969
✓ *Cochlospermum urucense* (HBK) Steud. Det. K. Kubitzki 1972

✓ *Rhynchosia pyramidalis* (Lam.) Urb.

Det. J.W. Greas, 1971-1972

Pranceacanthus coccineus Wassh.
det. D. Wasshausen, 1997

Machaerium salzmanii Benth.
det. J. Grimes 11/96

✓ *Phytolacca rivinoides* Kunth & Bouché Det. J. Nowicke 1970

Clidemia hirta (L.) D. Don

✓ Det. J.T.P. 1969

✓ *Anacampsis subnalla* (Mont.) Miers
Det. F. Markgraf, 69

Bonafousia prancei Allorge
Hort. 1971 Det. L. Allorge, 1983

- K 5172 ✓✓ 10 Vitaceae Shubby climber Yang fruit green
- K 5173 ✓✓✓ 12 Jaloschampia Herbaceous climber. Bracts greenish-yellow. Yang fruit green
- K 5174 ✓✓✓ 12 Passiflora Herbaceous climber whole infl. red except pale yellow anthers
- K 5175 ✓✓ 6 Byttneria Climber. Fls. green, stamens yellow
- K 5176 ✓✓✓ 12 Rubiaceae Tree c. 4m. Corolla orange, sepals brad cream
- K 5177 ✓✓✓ 12 Malpighiaceae Climber over ~~Supradeciduous~~ ^{Araliaceae} treelet 10. 5m. Wings of fruit cream
- K 5178 ✓✓✓ 12 Helicteres Shrub 2.5m. Yang fruit green
- K 5179 ✓✓✓ 12 Anahacaceae Treelet 4m. Infl. terminal Yang fruit glaucous
- K 5180 ✓✓✓ 7 Malpighiaceae Woody climber Corolla orange-yellow + scarlet cream. Calyx glands cream
- K 5181 ✓✓✓ 12 Convolvulaceae Herbaceous climber, in fruit + anthers leaves. Calyx green, turning brown
(capal walls transparent, seeds black)
- K 5182 ✓✓✓ 12 Leguminosae Shrub c. 1m. Yang fruit green
- K 5183 ✓✓✓ 12 Molleia ^{Apeiba} Tree 3m+ Fruits yellow green
- K 5184 ✓✓✓ 12 Uncaria Woody climber over Molleia sp. no. 5183. Calyx greenish cream. Corolla yellow
turning brick red. Stamens cream
- K 5185 ✓✓✓ 12 Leguminosae Woody climber Calyx blackish-brown Corolla bright maroon with cream throat
- K 5186 ✓✓✓ 12 Erythroxyla Shrub 3m. Yang fruit yellow-green

- ✓ Cissus erosa Rich.
det. J. Kallunki 1981
Polechampia tilifolia Lam.
det. G. Webster 1986
- ✓ Passiflora araujoi Pucc.
det. J. C. Costa 1975
- ✓ Byttneria benensis Britton
det. C. L. Cristóbal, 1970
- ✓ Warszewiczia coccinea (Vahl) Kl.
det. Steyermark, 1969
Camdo between Jaci-paraná + Rio Madem 25 W 1965
- ✓ Banisteriopsis muricata (C.)
Aubl. det. B. Gates 1979
- ✓ Helicteres pentandra L.
Det. C. L. Cristóbal, 1970
- ✓ Dictyoloma peruvianum
Planch. det. S. P. Hill + H. Preece 1972
- ✓ Stigmaphyllon hirsutum
Miq. det. W. K. Schumacher 1979
- ✓ Arrabidaea platyphylla DC.
Det. D. R. Hunt 1972
- ✓ Apeiba fibourbon Aubl.
Det. W. Meijer, 1971
- ✓ Uncaria guianensis (Aubl.) Gmel.
Det. Steyermark, 1969
- ✓ Dioclea glabra Benth.
Det. R. H. Maxwell, 1969
- ✓ Erythroxylum macrophyllum
Car. det. Planchon 1980

- K 5187 ✓✓ V.aceae Per herb 2.5m Corolla blue-pink with yellow throat Fruit bluish glossy green
- K 5188 ✓✓ Mimosa Shrub c. 1m Infl. blue-pink sensitive
- K 5189 ✓✓ Compositae Fls. white. Herb 0.5m. *E. scaber* L. det M. Silva 1980
- K 5190 ✓✓ Piperaceae Shrub 2m. Infl. cream. *Piper dilatatum* L.C. Rich. det R. Callyas 1980
- K 5191 ✓✓ Triumfetta Shrub 1m. Young fruits green
- K 5192 ✓✓ Cassia Scandent shrub Fls orange-yellow
- K 5193 ✓✓ Legumina Slender shrub 1m. Fruits brown
- K 5194 ✓✓ Cassia Tree 4m. Diam of bole at 1m, 5cm Young fruits dull green
- K 5195 ✓✓ Trigoniac. Woody climber. Corolla cream & fawn Leaves yellow-green. Fruits rusty brown
- K 5196 ✓✓ Apocynae Woody climber Corolla yellow, leaves yellow-green
- K 5197 ✓✓ Mimosa Per herb. c. 40cm without spines in thorn Fruit brown
- K 5198 ✓✓ Desmod. Creeping herb rooting at nodes Fls. blue with stamens cream
- K 5199 ✓ Sapindae Treelet 2.5m. Ls yellow-green Young fruit red-orange
- K 5200 ✓✓ Malpigh. Woody climber. Young fruit green
- K 5201 ✓ Melastom Shrub 1m Fls white. Fruit blue

Lantana cujabensis Schau.

✓ Det. H.N. Moldenke, 1969

Mimosa sensitiva L.

✓ Det HSI, 69

Elephantopus mollis HBK.

✓ Det G.M. Barroso '69

Piper sp. det R. Callyas 1980

✓ *Triumfetta altheoides* Lam. det. M. Silva '72

Cassia tapajozensis Ducke

✓ Det. H.S. Irwin, '64

Cassia mimosoides L.

✓ Det. H.S. Irwin, '64

Cassia fustulosa Willd.

✓ Det. H.S. Irwin, 1969

Ternstroemia ornata (Hochne) Woodson

✓ Det. F. Markgraf, '69

Mimosa conopsea Bth

✓ Det HSI, '69

✓ *Matayba purgans* (P. & E.) Radlk.

Det. J.T.P. 1970

✓ *Heteropleris confertiflora* Adm. also det. aff. *H. heterophylla* (L.) Kuhn

Clidemia hirta (L.) D. Don

✓ Det. J.I. Wurdack, 1969

- ✓ 5202 11 *Bauhinia* Shrub 3m. Fls. white, filament turning pink
- ✓ 5203 12 *Rubiaceae* Shrub 1m. Bifurcat. axis crimson. Fruits turning black
- ✓ 5204 12 *Leguminosae* Treelet 3m. Young fruit green
- ✓ 5205 4 *Ouvatea* Shrub 2m. Fls. yellow
- ✓ 5206 11 *Bauhinia* Shrub c. 1.5m, funtaceous, fls. white - cream
- ✓ 5207 12 *Elaeagnaceae* Shrub c. 4m. Calyx petaloid pale green, filament white, crimson at base
- ✓ 5208 4 *Dilleniaceae* Woody climber leafless climber in bud. Young fls. yellow
- ✓ 5209 8 *Cassia* Tree c. 6m. Fls. orange-yellow
- ✓ 5210 12 *Leguminosae* Woody climber. Corolla tube yellow, limb pale orange
- ✓ 5211 12 *Leguminosae* Shrub c. 2.5m. Fruits green
- ✓ 5212 12 *Leguminosae* Woody climber. Corolla creamish-pink
- ✓ 5213 10 *Euphorbia* Woody climber. Young fruits brownish green
- ✓ 5214 12 *Combretaceae* Shrub 3m. Fls. white
- ✓ 5215 12 *Malvaceae* Shrub 2.5m. Fls. yellow. Glands cream
- ✓ 5216 12 *Leguminosae* Climber. Fls. lilac-pink

- ✓ *Bauhinia angulata* L.
Det. R. Wunderlin 73
- ✓ *Palicourea longiflora* (Aubl.) Rich.
Det. Steyermark, 1969
- ✓ *Dalbergia gracilis* Benth.
Det. M. Arroyo 1972
- ✓ *Bauhinia guanensis* Aubl.
Det. Arroyo 1972
- ✓ *Ryania cuneata* Eichl.
Det. H. Steumer, 1970
- ✓ *Davilla kunthii* St. Hil.
Det. K. Kubitzki, 1970
- ✓ *Cassia wegens* Vog.
Det. H.S. Irwin, 67
- ✓ *Memora*
Det. D.R. Hunt 1972
- ✓ *Mimosa rufescens* Bth.
Det. H.S.I., 69
- ✓ *Arrabidaea cf. Santa Rm.* f.
K. Schum.
Det. D.R. Hunt 1972
- ✓ *Thigonium laevis* Mull. var.
macrocarpa f. hort.
Det. Lleras, 1981
- ✓ *Houania frangulaefolia*
(Schum.) Radlk. - Det. G.T. Prance 72
- ✓ *Arrabidaea tuberculata* (DC.)
Det. D.R. Hunt 1972
I.A.A. Nethers 1980

INPA sheet det by A. Gentry
as *Arrabidaea conjugata*

- K 5217 ✓✓ 12 Iryanthera Tree 6m., cauliflorous whole infloresc. pale yellow
- K 5218 ✓ 5 Costus Herb Infl. bracts crimson. Fls. cream. Height c. 1m.
- K 5219 ✓✓ 12 Palicourea Shrub 3m. Young fruit green
- K 5220 ✓✓ 12 Myrtaceae Shrub 3m. Young buds yellow-green
- K 5221 ✓✓ 12 Leguminosae Tree 5m. Fruits green
- K 5222 ✓✓ 10 Cordia Shrub 1m. Corolla cream with yellow throat. Anthers white & lilac
- K 5223 ✓✓ 6 Rutaceae Shrub c. 1.5m. Corolla cream
- K 5224 ✓✓ 7 Bignoniaceae Woody climber. Fls. orange-yellow
- K 5225 ✓✓ 12 Inga Shrub 3m. Corolla greenish-white
- K 5226 ✓✓ 12 Inga Shrub 3m. Buds pale green
- K 5227 ✓✓ 12 Gramineae
- K 5228 ✓✓ 12 Gramineae
- K 5229 ✓✓ 12 Melastomaceae Treelet 5m. Flowers white
- K 5230 ✓✓ 12 Mikania Herbaceous climber. Fls. greenish-white
- K 5231 ✓✓ 12 Boraginaceae Tree 5m. Young fruit green

✓ Iryanthera parviflora (Schw.) Wats.
det. W. Rodriguez, 1988

Secondary forest between Japirani & Rio Carolina 26. VI. 1988
det. T. P. 69
Iryanthera crassifolia A. C. Smith

Costus sprucei Maas sp. nov. 1969

✓ Det. P. J. M. Maas, 1969

✓ Iserertia hypoleuca Benth.

Det. Steyermark, 1969

✓ Myrcia
det. R. McVaugh 1972

✓ Myrcia amazonica DC.
det. R. McVaugh 1972

✓ Stryphnodendron guianense (Aubl.) Benth.
subsp. angustum (Benth.) Forero. det. E. Forero 1970

✓ Stryphnodendron pulcherrimum (Willd.) Hoch.
det. E. M. O. Martins, 1988

✓ Cordia nodosa Lam.
det. S. R. Juel, 1972

✓ Ticorea longiflora DC.
det. R. J. Colson, 1973

✓ Adenocalymna bracteatum (Cham.) DC.
det. A. Genting 1976

Det. F. A. W. 1972

✓ Inga thibaudiana DC.
Det. T. E. Elias, 1970

✓ Inga leucifera Benth.
det. J. S. 1972

Ver. 1980
by Schubert

✓ Acananthus pallens (Sw.) Munro
det. J. A. 1970

✓ Acananthus
det. S. D. 1973

✓ Acananthus
det. S. D. 1973

✓ Panicum pilosum Swartz
det. H. D. 1973

✓ Be Ilucia cf. Circumsissa Spr.
det. J. T. W. 1969

✓ Mikania micrantha H. B. K.
det. H. Robinson 1983

✓ Cordia mcayaliensis Johnston
det. S. R. Hill, 1972

K 5232	✓✓ 12	Palicourea	Tree 1m. Corolla scarlet, yellow hairs at throat Photo!
K 5233	✓✓ 8	Bignoniaceae	Woody climber. Fls. pale creamish yellow Photo!
K 5234	✓✓✓ 12	Apocynaceae	Woody climber. Fls. pale yellow Photo!
K 5235	✓✓✓ 12	Piperaceae	Shrub 1.5m. Inflorescence cream
K 5236	✓✓✓ 10	Verbanaceae	Woody climber. Calyx + corolla blueish-lilac Photo!
K 5237	✓✓✓ 12	Melastomataceae	Shrub c. 1.5m. Fls. white
K 5238	✓✓✓ 12	Lythraceae	Shrub 2m. Young fruits green
K 5239	✓✓✓ 12	Fern	Epiphytic on palm
K 5240	✓✓✓ 1	Apocynaceae Verbanaceae	Treelet 2m. Young buds yellow-green
K 5241	✓✓✓ 7	Oxalis	Per. herb. Fls. pale yellow
K 5242	✓✓✓ 12	Licania	Shrub c. 3m. Fls. white
K 5243	✓✓✓ 8	Mimosa	Shrub c. 40cm. Infl. pink. Stem with thorns + patent hairs
K 5244	✓✓✓ 11	Hirtella	Shrub 1.5m. Sepals gray-green. Petals blue; filaments blue, whitish base Photo!
K 5245	✓✓✓ 6	Acanthaceae	Shrub. Bracts crimson. Corolla pale yellow Photo!
K 5246	✓✓✓ 2	Fern	Terrestrial

✓ *parva* det.
J. Desmond Harrison, 1972

✓	<i>Iseretia hypoleuca</i> Benth. Det. Stoyenmark, 1969
✓	<i>Peruvarrabidaea truncata</i> H. Samp. det. D.P. Hunt, 1972
✓	<i>Ternstroemia ovata</i> (Hoeber) Woodson Det. F. Markgraf, '69
✓	<i>Piper hispidum</i> Sw. var. <i>Trachydermum</i> (tree) young det. Schaefer & Guimaraes, 1975
✓	<i>Petrea macrostachya</i> Benth. Det. Moldenke, 1969
✓	<i>Tibouchina longifolia</i> (Vahl) Baill. Det. F. T. Moore, 1971
✓	<i>Ludwigia latifolia</i> (Benth) Hara Det. P.H. Raven, 1971
✓	<i>Polypodium bombycinum</i> Maxon Det. J.T. Mickel, 1970
✓	<i>Aegiphila elata</i> Sw. Det. F. Markgraf, '69
✓	<i>Oxalis lespedezioides</i> Don Det. A. Lounsbury, 1969
✓	<i>L. octandra</i> (Hill) Engelm. var. <i>peruviana</i> subsp. <i>peruviana</i>
✓	<i>Mimosa</i> sp. aff. <i>insidiosa</i> Bth. Det. HSI, '69
✓	<i>Hirtella racemosa</i> Lam. var. <i>racemosa</i> Det. T.P., 1972
✓	<i>Apelobandera nervosa</i> T. And. Det. Wasshausen, '69

Primarily forest bet. Jaciparaní and Est. Leticia

		Island in Rio Madeira opposite Rio Jaci Paraná. Secondary forest on flood plain		
K 5247	✓✓ 12	Clitoria	Climbing herb. Flowers white but standard lilac at throat. Sec. forest. Flood plain,	Centrosema pubescens Bth. 27.VI.1968 Det. H.S.I., '69
K 5248	✓✓ 12	Eichornia	Herb. Fls. lilac with blue & yellow patch on one perianth lobe Photo!	Eichornia crossipes (Mart.) Solms ✓ herb. Det. J. T. P., 1969
K 5249	✓✓ 12	Melastomataceae	Shrub 2.5m. Fls. white. Inflorescence axis & young fruit bright pink	Miconia calvescens DC. ✓ Det. J. T. P., 1969
K 5250	✓✓ 12	Compositae	Treelet to 3m. Ls. glaucous. Fruiting heads pale brown	Jussiaea integrifolia Ruiz et Pav. ✓ Det. G.M. Barroso, 1969
K 5251	✓✓ 12	Mikania	Herb. climber. Fls. white. Foliage pale green	Mikania longista DC. ✓ Det. G.M. Barroso '69
K 5252	✓✓ 12	Polygonum	Straggling herb to 1m. Fls. white Photo!	Polygonum hispidum HBK. det. R.A. Howard 1976
K 5253	✓✓ 12	Piperaceae	Shrub 1m. Infl. cream. Inflorescence gray-green	Piper amaronicum (Mey.) C.D. det. R. S. Gentry 1979
K 5254	✓✓ 12	Cassia	Tree 5m. Fls. range-yellow	Cordia tetrandra Aubl. det. J. R. Howell, 1972
K 5254 A	✓✓ 12	Cordia	Tree	(Primary forest)
K 5255	✓✓ 10	Hamamelidaceae	Tree 8m. Fl. buds white. Young fruit green	Cassia reticulata Willd. ✓ Det. H.S. Irwin, 1968
K 5256	✓✓ 12	Piperaceae	Shrub 2m. Infl. cream	Unonopsis
K 5257	✓✓ 12	Mimosa	Woody climber. Fls. bright vermillion. Staminal tube cream Photo!	Piper hispidum Sw. det. E. F. GUIMARÃES, 1972
K 5258	✓✓ 12	Rubiaceae	Shrub 1.5m. Young fruits & bracts of infl. purple	Psychotria rubrifera DC. det. J. S. Gentry 1977
K 5259	✓✓ 12	Leguminosae	Climber. Fls. blue	Psychotria aff. jayurensis M. Berg. det. J. S. Gentry 1977
K 5260	✓✓ 10	Cappadaceae	Herb 1m. Corolla white. Filaments lilac. anthers black	Calopogonium caeruleum (Benth.) Savv. ✓ Det. H.S.I., '69
K 5261	✓✓ 11	Vitaceae	Per. herb. climber. Fls. cream	Cheome parviflora H.B.K. subsp. brasiliensis (Weinmann) Iltis Det. H.H. Iltis '69
				✓ Passiflora L. det. J. S. Gentry 1981

- 5262 4 Vitaceae Per. herb c 1.5m. lvs tints orange
- 5263 12 Cardinaceae Herb climber, fls orange yellow
Photo!
- 5264 7 Leguminosae Per. herbac climber. Fls pale yellow
- 5265 6 Jussieae Herb; fls dark yellow
- 5266 6 Apocynaceae Shrub 1m. Fls cream
- 5267 3 Sphenoclea Herb Fls. white
- 5268 12 Gramineae
- 5269 12 Onagraceae Prostrate succulent herb. Fls white
Photo!
- 5270 12 Lindernia Prostrate herb. Fls. lilac blue & white
crustacea
- 5271 12 Physalis Herb c. 40cm. Fls. pale yellow. Fruit green
- 5272 12 Campanulaceae Succulent herb c 30cm. Capitula rayless white with lilac style branches
- 5273 8 Jussieae Herb Fls. pale yellow
- 5274 4 Anacardiaceae Herb Fls white
- 5275 12 Rubiaceae Shrub 5m. Fls. white
- 5276 10 Sapindaceae Tree 2m. Canhyflous. Fruit orange

✓ *Merremia glabra* (Aubl.) Hall.
det. C. R. Julian 1973

✓ *Merremia umbellata* (L.) L. Haller
det. D. Austin 1980

✓ *Borreria tetradactyla* (Aubl.) Engelm.
det. J. S. Burrows 1982

✓ *Faramia glandulosa* P.B.
det. J. Stagermark 1977

Picramnia latifolia Tulasne, s. l.
Det. J. Pirani, 1986

Urera caracasana (Jacq.)
Griseb. det. C.C. Berg, 1996

✓ *Apocynaceae umbellata* L.
Det. K. Becker, 1972

✓ *Phaseolus ovatus* Benth
det. M.T. Arroyo, 1972

✓ *Ludwigia leptocarpa* (Nutt.)
Hara Det. P.H. Raven 1971

Anacamptis cf. Coriacea Link.

✓ Det. F. Markgraf '69 MGF.

✓ *Sphenoclea zeylanica*
Baertn. - det. Spencer Barrett 1974

✓ *Eragrostis hypnoides* (Lam.)
DSP det. N. Daudin 1973

✓ *Ludwigia helminthorrhiza* (Mart.)
Hara Det. P.H. Raven, 1971

det. N. Holmgren 2005

✓ *Physalis*
det. M. Nee, 1972

✓ *P. angulata* L.
det. M. Nee 1980

Struchium sparganophorum (L.)
✓ Det. G.M. Barroso '69 Kuntze

✓ *Ludwigia erecta* (L.) Hara
Det. P.H. Raven, 1971

✓ *Alepinanthera pauciflorus*
det. H. Nee, 1972
Hara det. J. A. Miller 1976

Faramia sp.
✓ Det. Stagermark, 1969

✓ *Picramnia macrostachys* (L.) Eryl.
Det. S.R. Hill, 1972

- | No. | Family | Plant | Fls. | Other | Notes |
|----------------|---------------------------|--|------|-------|--|
| 5277 | Solanaceae | Shrub 2m. Corolla white, anthers brownish-purple | | | <i>Cyphomandra</i>
Det. M. Nees, 1972 |
| 5278 | Piperaceae | Shrub 2m. Infl. cream. | | | <i>Pothomorphe peltata</i> (L.)
mg. - det. E.F. GUIMARAES 1975
<i>Pothomorphe</i> sp.
Det. MS, 11/2 1971 |
| 5279 | Myrtaceae | Myrtaceae. Shrub 3m. Fls. white | | | <i>Myrtaceae</i>
Banks of Rio Jaciparana
<i>Psidium densicorneum</i> DC.
Det. R. McVaugh 1977 |
| 5280 | Rubiaceae | Herb. Fls. white | | | <i>Diodia</i> ?
<i>Dyssodia hyssopifolia</i> var.
linearis (Willd. ex R. & S.) Stojan. f. linearis Det. Stojan. 1969 |
| 5281 | Inga | Shrub 4m. Fls. white, anthers pale yellow | | | 4 km above Jaciparana, on <i>Leptacmion</i> . Forest on limestone flood plain
<i>Inga stenogyna</i> Baker 28.VI.1968
det. E. Guimaraes |
| 5282 | Omnata | Tree 5m. Fls. yellow. Young fruit pale green & crimson receptacle. | | | |
| 5283 | Orchid | Terrestrial, saprophytic. Plant coloured. Photo! | | | |
| 5284 | Acanthaceae | Straggling herb. Corolla white | | | <i>Amphiscopia</i> spec.
Det. C.E.B. Bremerkamp, 1972
<i>Justicia dubiosa</i> Lindl.
Det. W. S. Hansen, 1965 |
| 5285 | Convolvaceae | Herb semi-prostrate. Flowers bright with bright orange and | | | <i>Di-chorisandra</i> sp.
Det. D. Hunt, 1978 |
| 5286
5286 A | Acanthaceae
Solanaceae | Scandent herb. Corolla scarlet, yellow | | | <i>Ruellia cordifolia</i> Lindau
Det. W. S. Hansen '69 |
| 5287 | Leguminosae | Tree 6m. Corolla white, apex pink | | | <i>Campsiardia comosa</i> Bth.
<i>Vib. laevifolia</i> (Bth.) Cowan
Det. HSI, '69 |
| 5288 | Leguminosae | Woody climber. Corolla white with pink infl. bracts purplish green | | | <i>Clitoria javiensis</i> (HBK) Bth.
Det. HSI, '69 |
| 5289 | Malpighiac | Woody climber. Corolla yellow. Glands on edge of leaves | | | <i>Maecagnia sepium</i> (adr. juv.)
Krusch. lat. - det. W.R. Anderson 1972 |
| 5290 | Lauraceae | Shrub 0.3m. Fls. pale yellow | | | <i>Endlicheria anomala</i> Nees et Meis det. V. Koech 1952
! J. Rohmer 1985 |
| 5291 | Vitaceae | Tree 5m. Fruit green | | | <i>Vitex cymosa</i> Benth.
Det. H.N. Moldenke, 1969 |

5292	5	?	Climber. Young buds yellow green	
K. 5293	12	Leguminosae	Tree c. 10m. Fruits fulvous	<i>Crudio amazonica</i> Spr. ex Bth. Det H.S.I. '69
K. 5294	12	Leguminosae	Woody climber as 5293. Fls deep purple	<i>Machaerium leiophyllum</i> var. <i>crusta-castrense</i> (Mart ex Benth) Ruedl - Det V. Ruedl 1978
K. 5295	12	Leguminosae	Shrub c. 3m. Fls. pale yellow. Young fruit green	<i>Machaerium</i> aff. <i>grondosus</i> Mad Det M. A. Ribeiro 1978 <i>Endlicheria anongia</i> (Nees) Mez det J. Rohrer 1986
K. 5296	12	Clusiaceae	Epiphytic tree c. 6m. Fls. yellow. Young fruit orange	<i>Clusia microstemon</i> Planch. & Triana det. V. Bittich, 2001
5297	1	Artocarpus	Epiphytic tree as above. Young fruit green. Young leaves with cream spots	<i>Pracocarpus flagellatus</i> (Sw.) L. B. Smith Det L. B. Smith II, 1969
K. 5298	12	Myrtaceae	Tree 5m. Fruit dull yellow	<i>Eugenia lamartiana</i> DC. Det R. Mc Vaughn, 1972
K. 5299	12	Flacourtiaceae	Tree 2m. Young fruit green	<i>Eugenia</i> Det R. Mc Vaughn, 1972
K. 5300	12	Euphorbiaceae	Tree c. 4m. Fls white	<i>Arga eiba</i> (Sw.) (Sw.) Det J. G. Smith 1980
5301	12	Leguminosae	Tree c. 3m. Fls white, young fruit green	<i>Macrotobium acaciaefolium</i> (Benth) Benth - Det R. S. Cowan 73
5302	12	Leguminosae	Shrub. Fls. orange yellow	<i>Memora longilinea</i> A. Sampa. det Agostini 83
5303	12	Cassia	Shrub 3m. Fruits pale green	Det H.S.I. 1969
5304	12	Leguminosae	Tree c. 5m. Corolla pink tipped white	<i>Campsiandra angustifolia</i> Spr. ex Bth. Det H.S.I. 1969
5305	12	Sapindaceae	Woody climber. Fruits red, seeds black, arils white	<i>Paullinia caloptera</i> Radlk. Det K.V. Kramer 1974
5306	12	Mangrove	Woody climber. Fls. orange yellow	<i>Paullinia</i> sp. <i>sericeopila</i> Radlk. Det G.T.P. 69 <i>Souroubea guianensis</i> Aubl. det G. Ferreira 1988

- K. 5307 ✓✓ 12 *Hirtella* Shrub 2m. Calyx lobes grey-green, petals blue. Filaments blue, white at base
- K. 5308 ✓✓ 12 *Lamellata* Parasite on tree. Corolla red, orange at apex
- K. 5309 ✓✓ 12 *Leguminosae* Tree 3m. Fls. white
- K. 5310 ✓✓ 12 *Serjania* Climber Fls. whitish-pink
- K. 5311 ✓✓ 12 *Malpighiaceae* Woody climber Fls. yellow
Road Jaciparaná to Porto Velho 1-3 km E of Rio Jaciparaná
- K. 5312 ✓✓ 12 *Dalbergia* Scandent; corolla maroon inside, brownish exterior capoeira beside road
- K. 5313 ✓✓ 12 *Malvaceae* Herb 2m tall; corolla pink with dark red centre
5312 *Machaerium leiophyllum* var. *creta-castanea* Mart. ex Benth. fide R. R. R. 1973
- K. 5314 ✓✓ 9 *Serjania* Vine; corolla white; appendages with yellow tip *Serjania paucidentata* DC. det. T. Pennington 1980
- K. 5315 ✓✓ 12 *Inga* Shrub 2m; corolla cream; filaments white
- K. 5316 ✓✓ 12 *Leguminosae* Vine; young pods green
- K. 5317 ✓✓ 10 *Cochlospermum* Tree 10m; corolla yellow
- K. 5318 ✓✓ 12 *Inga* Tree 3m; corolla greenish-white
- K. 5319 ✓✓ 12 *Asclepiadaceae* Shrub 2m; corolla green
M. flavescens (Willd. in R. & S.) M. Arg. det. M. Fallen 1986
- K. 5320 ✓✓ 12 *Sapindaceae* Vine; corolla white
- K. 5321 ✓✓ 12 *Polygalaceae* Vine; corolla white, lower lobe yellow
- K. 5322 ✓✓ 12 *Tiliaceae* Tree 8m tall

- ✓ *Hirtella racemosa* Lam.
var. *racemosa* Det. J. T. P. 1962
✓ *Psittacanthus* sp. det. J. Kuijt 1980
- ✓ *Pithecellobium amplissimum* Ducke
Det. H. S. I. '69
- ✓ *Serjania* sp.
Det. J. T. P. 1969
✓ *Detraopteris mucronata* Cav.
det. W. R. Anderson 1977
G. T. P. D. T. K. P. D. L. P. C. T. P. R. 1968
June 29, 1968
- ✓ *Machaerium frondosum* Mart.
Det. M. Arroyo 1982
- ✓ *Hibiscus bifurcatus* Cav.
Det. A. Krapovickas, 1970
- ✓ *Serjania* sp.
Det. J. T. P. 1969
- ✓ *Inga* sp. *bauchiana* DC.
det. J. G. R. 1972
- ✓ *Canavalia brasiliensis*
Mart. ex Benth. det. M. T. Silva 1973
- ✓ *Cochlospermum orinocense*
(H. B. K.) Steud. Det. K. Kubitzki 1972
- ✓ *Pithecellobium divaricatum* Benth.
Det. 457, '69
- ✓ *Malouetia schomburgkii* Muell. Arg.
det. A. Leeuwenberg 1980
- ✓ *Serjania rubicaulis* Benth.
Det. J. T. P. 1969
- ✓ *Brachymelea lucida* (R. & S.)
Det. J. T. P. 1969
- ✓ *Adiantum* sp.
det. Z. A. A. 1980
- ✓ *Lueheopsis schultesii* Cuatr.
det. R. W. Snodgrass, 1991

- K 5323 12 Leguminosae Tree 12 m x 15 cm diam; fr green
- K 5324 12 Connarac Vine, young fr green, mature red
- K 5325 12 Aspidospermum Tree 25 m x 35 cm diam; fls green, sep blood red
- K 5326 12 Cyperac Caespitose herb
- K 5327 12 Laurac Tree 12 m x 12 cm diam; anthers yellow
- K 5328 12 Leguminosae Tree 15 m x 15 cm diam; tinted red, styl & filaments red
- K 5329 12 Banhinia Vine; corolla white with ferruginous exterior
- K 5330 12 Acanthac Vine; bracts red, corolla yellow
- K 5331 10 Smilac Vine; mature fr orange
- K 5332 12 Pteridophyte Terrestrial
- K 5333 4 Leguminosae shrub 3 m
- K 5334 12 Sterculia Tree 8 m x 10 cm diam; perianth exterior cream, interior red
- K 5335 12 Viola Tree 8 m; young fr green
- K 5336 12 Apocynaceae Shrub 1.5 m, fls. white
- K 5337 2 Musaceae Herb 5 m. Leaves: petiole c. 1.2 m, lamina at apex. Corolla pale yellow. Each specimen

Peltogyne venosa (Vahl) Bth. var. densiflora (Bth.) Amsh.
Det HSI, 69

Connarus ruber (Poepp. & Engl.) Planchon var. sprucei (Baker) Forero
det. Forero 1981

Aspidosperma verruculosum M. arg.
Det. F. Markgraf, 69

Hypolytrum spongiosum T. Koyama
Det. T. Koyama 1969

Endlicheria macrophylla (Meissn.) Mez
det V. Koech 1982

Campsiandra angustifolia Spr. ex Bth.
Det HSI, 69

Bauhinia guianensis Aubl.
Det. Ameyo 1972

Aphelandra nervosa T. Anders.
Det Wasshausen, 1969

Smilax schomburgkiana Kunth
det. M. Nae, 1994

Adiantum tetraphyllum Willd., s. l.
det. R. C. Moran, 1998

Dialium guianense (Aubl.) Sandw.
Det HSI, 69

Sterculia pruriens Schum.
Det. C. L. Cristobal, 1970

Iryanthesa macrophylla (Benth.) Warb.
Det. J. T. P. 1969

Bonafousia tetraetochya (HBK.)
Det F. Markgraf 69, MgF

Heliconia episcopalis Vellors
Det. P. U. M. Maas, 1972

mouth of Rio Jaciparã

Imm. Infl. bracts crimson through scarlet to orange with leaf base, apex & median section

- | No. | Family | Plant | Notes | Det. |
|--------|--------|--|-----------------------------|------|
| K 5338 | 12 | Treeclet c. 4-5m, 8cm. diam. 1m. from base of bole. Fls. white, ovary yellow - green; young fruit green | | |
| K 5339 | 7 | Araceae Epiphyte. Spathe + spadix yellow. Inflorescence olive-green | | |
| K 5340 | 12 | Leonia Tree c. 10m. Fls. pale yellow | | |
| K 5341 | 12 | Convolvulac. Herbaceous climber Fls. white with brown hairs | | |
| K 5342 | 12 | Triplaris Tree c. 25m. Fls. greenish-white, tinged pink, ovary green | | |
| K 5343 | 12 | Gramineae | | |
| 5344 | 2 | Passiflorac. Herb, fls. greenish white | | |
| 5345 | 12 | Sapindac Fls. white, fruit pale green, inflated. | (Mixed collection of 2 sp.) | |
| 5345A | | | Serjania caracasana Willd. | |
| 5346 | 12 | Cassia Shubby climber. Fls. orange-yellow | | |
| 5347 | 12 | Leguminosae Shrub c. 2m Fls. yellow | | |
| 5348 | 7 | Tillandsiaceae Shrub 15m Stamens yellow. Corolla white. Young fruit green | | |
| 5349 | 12 | Mimosa Shrub 3m Leaves sensitive. Fruits brown. Stem with strong thorns, hairy (capitulum white - not collected) | | |
| 5350 | 12 | Adenaria Shrub 1m Fls. white. Young fruit cream | | |
| 5351 | 12 | Lantana Straggling shrub 1m Fls. lilac-pink, yellow throat | | |
| 5352 | 12 | Anacardiaceae Succulent carb. Infl. cream. on north shore of island | | |
| 5353 | 12 | Sapindac Treelet 4m. Fruits bright red, glossy. Seeds black, end white | | |

- ✓✓✓ K 5354 12 Annonaceae Treelet 2m. Fruits pink
- ✓✓✓ K 5355 12 Tiliaceae
Lindackeria Tree 8m Fruit green
- ✓✓✓ K 5356 12 Inga 3-4km east of Rio Jaciparaná, rd to Porto Velho - disturbed forest
Tree 6m; young fr green *Inga aggregata* J. Den
det. J. Guimaraes 1980
- ✓✓✓ K 5357 12 Bixa Tree 8m; fruit cases brown
- ✓✓✓ K 5358 12 Annonac Tree 10m; young fr ^{dark} green
- ✓✓✓ K 5359 12 Annonac Tree 20 - x 35 cm diam; young fr light green
- ✓✓✓ K 5360 12 Hirtella Treelet 4m; corolla blue; filaments red
- ✓✓✓ K 5361 8 Piper racemose herb shrub 2m; infl pendent
- ✓✓✓ K 5362 12 Inga Treelet 3m; corolla green; filaments white
- ✓✓✓ K 5363 12 Laurac Tree 8m; young fr pink green; fls & infl brown
- ✓✓✓ K 5364 12 Vismia Tree 4m; corolla white
- ✓✓✓ K 5365 12 Bignoniaceae Rio Jaciparaná 9-12 km above Jariparaná (1 1/2 km 3 H.P.)
Liana; corolla yellow forest on terra firme
- ✓✓✓ K 5366 12 Menispermaceae Liana " stem for analysis
- ✓✓✓ K 5367 4 Abuta Liana " stem
- ✓✓✓ K 5368 12 Melastomac Tree 5m; corolla is filament white

Crematospermum monospermum
(Rusby) R. E. Fries
det. Maas & van Setten 1987

✓ *Guayuma ulmifolia*
Lam. det. M. T. Silva '73

✓ *Arrakidaca cf. laeta* Burt
K. Schum
Det. D. R. Hunt 1972

Guatteria
DET: U. SCHARF, 2001

Guatteria
DET: U. SCHARF, 2001

✓ *Hirtella racemosa* Lam.
octandra (Hollnag. ex R. & S.) Fries
DET: G. T. Prance, 1969

5361 - *Piper Rurkoffii* Yun
det. E. F. GUIMARAES, 1975

✓ *Piper Hirtellum* Yun
det. M. E. van der Beken 1981

✓ *Inga capitata* C.
det. J. Guimaraes 1982
✓ *Aniba paraguayensis* (Meisner)
Key det. K. Kubitzki 1979

Vismia macrophylla KUNTH
DET: N. ROBSON, 2002

June 30, 1968

Arrakidaca laeta Burt. K. Schum
det. D. Germino 1982

✓ *Hyperbaena cf. solimoesana*
Moldenke Det. K. Kubitzki & B. B. B. '89

✓ *Chondodendron limacifolium*
Det. K. Kubitzki, 69 (Diels) Moldenke

✓ *Miconia splendens* (L.) A. DC.
Det. J. & W. D. B. '89

- 5369 ✓ 5 Polyporac Growing on dead log, colour brown
- 5370 ✓ 6 (Liverwort) Growing on moist rocks
- 5371 ✓ 6 " " "
- 5372 ✓✓ 12 Verbenac Shrub 4m tall with arching stems overhanging river, corolla blue
- 5373 ✓✓ 12 Polypodiace Vine climb, up tree trunks
- 5374 ✓✓ 12 Myrtac Tree 5m; corolla and filaments white
- 5375 ✓ 1 Passiflora Liana; corolla red
- 5376 ✓✓ 12 ~~Rhizophora~~ ^{Euph.} Tree 6m, fls green, anthers brown
- 5377 ✓✓ 12 Compositae Vine; fls white
- 5378 ✓✓ 12 Violac Treelet 2m
- 5379 ✓ 3 Araceae Vine creeping on tree trunks
- 5380 ✓ 2 Scrophulariac Herb 80 cm tall, corolla white tinged red
- 5381 ✓✓ 10 ~~Scrophulariac~~ ^{Acanth.} Trailing herb, corolla pale purple
- 5382 ✓✓ 12 Elaeocarpaceae Tree 3m; fruits green
- 5383 ✓✓ 12 Compositae Vine; fls white
- 5384 ✓✓ 8 Rubiac Shrub 1m, mature fr black

✓ *Phellinus gilvus*
det. L. Rywarden, 1980

✓ *Saxithelium planum* (Brid.)

✓ *Philonthus elongata* (Burm.) Crum & Stone
det. W.E. Steere 1979

Vitex cynosa Bert.

✓ Det. H. N. Moldenke, 1969

✓ *Polypodium* (*Microgramma*) *megaphyllum* Desv. Det. J.T. Mickel 70

✓ *Calyptranthes*
det. R. McVaugh, 1972

↓ *Calyptranthes paniculata-crebra*
det. R. McVaugh, 1972

Varzea forest

Actinostemon amazonicus Pax.
& K. Hoffm. det. L. Gillespie, 1997

Mikania guaco HBK

✓ Det. G.M. Barroso 69

Rinorea sp

Det. M. Silva 1971

Monstera obliqua var. *exipolata*
(Schott) Engler - Det. O. Nicolson '73

✓ *Ruellia* sp. nov.

Ruellia menthoides (Nees) Hieron
det. J. R. Wood, 2000

Justicia portulacastris Jacq.
det. L. J. & C. J. Nicolson, 1975

Mikania longista DC.

✓ Det. G.M. Barroso 1969

✓ *Psychotria prunifolia* (H.B.K.) Steyermark
Det. Steyermark, 1969

- ✓✓✓ 5385 11 Passiflora liana; corolla white, appendages orange, base columella white with red apex of style
- ✓✓ 5386 6 Solanace Vine, mature fr orange
- ✓✓ 5387 8 Leguminosae Tree 8 m; young fr green
- ✓✓ 5388 12 Leguminosae Vine; corolla bluish-purple
- ✓✓ 5389 12 Sapotac Tree 10 ~ x 20 cm diam; corolla white
- ✓ 5390 6 Cyperac Caespitose herb
- ✓✓ 5391 12 Bauhinia Climber, calyx green and white, corolla pale brown and white
- ✓✓ 5392 12 Melastomaceae Subshrub, 1 m. Mature fruits red
- ✓✓ 5393 12 Dilleniaceae Climber, Perianth green, filaments white, anthers brown; fruit green
- ✓✓ 5394 12 Palicourea Tree 4 m. Infl. axillary, corolla yellow, young fruit olive-green with red tip (mimic as 5396 in paper)
- ✓✓ 5395 12 Cassia Shrublet fls. yellow, buds embedded. Fruits turning dark crimson.
- ✓✓ 5396 10 Malpighiaceae Creeping perennial herb, corolla yellow and red. Young fruit green with crimson wing
- ✓✓ 5397 12 Acanthaceae Straggling herbaceous forest floor. Corolla greenish-cream with purple markings on lower lip
- ✓✓ 5398 12 Cordia nodosa Treelet 3.5 m fls white
- ✓✓ 5399 12 Elm Tenuetial
- ✓ 5400 12 Elm Tenuetial

Margin of River

✓ *Passiflora costata* Mast. det. Jose da Costa 1960
 ✓ *Solanum sect. micracantha* DC. in tree, 1972
 ✓ *Peltogyne venosa* (Vahl) Bth. var. *densiflora* (Bth) A. Mish. Det. H.S.I., 69
 ✓ *Gymnoloma glabrescens* (Eichl.) Baillon. Det. M. J. Silva 73
 ✓ *Pouteria cuspidata* (A.DC.) Baehni ssp. *cuspidata* det. T. Pennington, 1989
 ✓ *Hypothyrium longifolium* L.C. Rich. subsp. *rubescens* (Huber) T. Koyama Det. T. Koyama 1959
 ✓ *Bauhinia guianensis* Aubl. Det. A. Mayo 1972
 ✓ *Clidemia novemnervia* (DC) Triana Det. J.J. Wurdack '69
 ✓ *Dolioscarpus brevipedicellatus* Garcke ssp. *brevipedicellatus* Det. K. Kubitzki 1970
 ✓ *Palicourea lasiantha* Kr. Det. Styermark, 1968
 ✓ *Cassia sylvestris* Vahl Det. H.S. Erwin, 64
 ✓ *Hymenophyllum hypoleucum* May Det. W. B. S. 1979
 ✓ *Justicia Ruiziana* Lindau Det. W. Aschmann, 69
 ✓ *Cordia nodosa* Lam. Det. A. R. S. 1972
 ✓ *Adiantum polyphyllum* Willd Det. J. H. de L. & L. H. tenortua 1981
 ✓ *Ctenitis protensa* (Afz.) Ching Det. J. T. Mickel, 1970

✓ *Triplophyllum funestum* (Kunze) Holttum var. *funestum* - Det. P. J. Edwards, 2004

K 5401 ✓ 12 Acanthaceae Per. herb on forest floor. Fls. scarlet

K 5402 ✓ 5 Rubiaceae Shrub 1m. Fruit orange

K 5403 ✓ 12 Ficus Tree 5m. Fls. white

K 5404 ✓ 8 Hirtella Shrub 2m. Glandular + hairy. Calyx grey-green. Corolla + filaments pink

K 5405 ✓ 12 Violac Shrub 5m. Young fruit green

K 5406 ✓ 12 Menispermaceae Shrub 2m. Young fruit green

5407 ✓ 3 Rubiac Small herb 4cm tall. Fruit orange. Hairy; remains of calyx black

K 5408 ✓ 12 Moss On palm tree trunk in forest

K 5409 ✓ 12 Rubiaceae Tree 8m. Young fruit green

K 5410 ✓ 12 Bignoniaceae Herbaceous climber. Fls. orange
Photo!

K 5411 ✓ 12 Thecaceae Tree 6m. Corolla flowers, fls. crimson

K 5412 ✓ 12 Leguminosae Tree 8m. Fruit only

K 5413 ✓ 12 Malpighiac Prostrate per. herb. Corolla pale lilac. Calyx glands cream with purple markings

K 5414 ✓ 12 Cassia Sub-shrub to 1m. Corolla pale yellow

K 5415 ✓ 12 Euphorb Shrub c. 1.5m. Green fls.

K 5416 ✓ 12 Verbenaceae Straggling herb. Capitula bluish-lilac

Type coll. NY(a), K, U, MO, ^{GH, VEN}

Pranceacanthus coccineus D. Wash.

Det. D. Wasshausen, 1983

✓ Psychotria ^{subg. ~~Psychotria~~} sp.

✓ Inga thibaudiana DC.

Det. T. Elias, 1970

✓ Hirtella pilosissima Mart. & Zucc.

Det. J. T. P. 1968

✓ Rinoreaocarpus nlei (Melch.) Duchet
det. D. Coelha 1987

✓ Abuta grandifolia (Mart.) Sandw.

Det. Kruckhoff, 69

✓ Geophila cordifolia Mig.

Det. Stoyermarck, 1969

✓ Octoblepharum albidum Hledw.

Det. G. L. Smith, 1972

✓ Isertia hypoleuca Benth.

Det. Stoyermarck, 1969

✓ Pyrroptegia dichotoma Thiers

ex K. Schum. Det. D. R. Hunt '82

Theobroma speciosum Willd. ex Spreng
det. L. Dorr 1989

↓ Vicinity of Mytumpanana

Cassia fastuosa Willd.

1. VII. 1968

ANISOPETALA

✓ Anisopetala (det. H. S. Irwin, 1969)
guss. Det. W. R. Anderson 1976

✓ Cassia flexuosa L.

Det. H. S. Irwin, 1969
Pera distichophylla (Mart.) Baill.
det. G. Webster 1986

✓ Centratherum punctatum Cass
det. H. Robinson '83

- K. 5417 12 *Stylosanthes* Straggling herb Fls. orange yellow
- K. 5418 4 *Dalechampsia* Herb. Floral bracts pale yellow green Fls. green. Climber
- K. 5419 12 *Rubiaceae* Shrub to 1m. Fruits black
- K. 5420 3 *Acanthaceae* Herb Fls. white Purple marking on lower lip
- K. 5421 12 *Vernonia* Shrub to 2m Capitula rayless, white
- K. 5422 12 *Malpigh* Woody climber, Fls. yellow, calyx glaucous green
- K. 5423 5 *Mimosaoidae* Shrub c. 1.5m Fls. white
- K. 5424 12 *Annonaceae* Shrub 2m Fls. green, array orange var. "ANDREA"
- K. 5425 12 *Xylopia* *Vochysiaceae* Tree 3m. Petal white with orange markings
- K. 5426 7 *Phalaena* *Hyttaceae* Shrub to 1.5m. Fls. white
- K. 5427 12 *Vismia* Shrub 1m. Buds green var. "MURIM"
- K. 5428 12 *Mabea* Flaves green Fruit crimson with pale green venation; shrub 1m.
- K. 5429 7 *Melast* Shrub to 2m Underside of leaves & capsule infl. brown in furcans. Buds white
- K. 5430 7 *Myrtaceae* Shrub 1m Fls. in bud pink. Young fruit green
- K. 5431 12 *Virola* Tree, 5 m tall. Fruit green, brown pubescent
- K. 5432 11 *Apocynaceae* Tree, 6 m x 8 cm diam. Fruits green White latex

Stylosanthes guianensis
(Aubl.) Sw. - Oct 8 O Sauer 1912

Dalechampsia tiliifolia Lam.
det. G. G. Webster 1987

Psychotria prunifolia (H. B. K.) Steyermark
Det. Steyermark, 1969

Ruellia sp
Det Wasshausen '69

VERNONIA RUFICOMA Schlect.
det. H. Robinson '83

Daniellaria pubipetala
(A. Juss.) Cuatr. det. B. Gates 1973

Pithecellobium amplissimum Ducke
Det ISI, 69

Guatteria
DET: U. Scharf, 2001

Qualea retusa Spr. ex Warm
Det M. Silva 1970

Vismia tenuinervis (V. d. Berg.) N. Robson
det. N. Robson, 2001

Mabea paniculata Spr. ex Bth.
det. G. Webster 1986

Miconia tiliifolia Vaud
Det J. J. W. D. A. 69

Calycolpus aff. *roraimensis*
Steyermark - det R. McVaugh '72
July 2, 1968

Virola sebifera Aubl.
Det. J. T. P. 1969

Fr. Sep. *Amorimia gualanensis* (Spruce) Kuhn
Det F. Markgraf '89

Ruellia menthoides (Nees) Hieron
det J. K. Woods, 2000

Vicinity of Mulumpana

- ✓✓✓ 5433 12 *Xylopia* Tree, 11 m. x 10 cm. diam. *M. ...* green, interior red; seeds black with white aril. *Xylopia barbata* - det. J. Oliveira, 1968
- ✓✓✓ 5434 12 *Hirtella* Treelet, 6 m. tall. Sepals green, petals pink, filaments pink and purple, anthers purple. *Hirtella bicornis* Mart. 82000
✓ Var. *pubescens* Dudgeon 1968
- ✓✓✓ 5435 12 *Malpighiaceae* Treelet, 4 m. tall. Flowers yellow. Calyx glands yellow becoming brown with age. Fruit green.
- ✓✓✓ 5436 12 *Solanaceae* Treelet, 2.50 m. tall. Fruit green. pale brown pubescent Fr. sep. ✓ *Solanum subgen. LEPTOSETEMONUM*
3-4 Km SW of Mutu. parana on, railroad to Abunã Forest on terra firme
- ✓✓✓ 5437 12 *Melastomaceae* Shrub, 1 m. tall. Calyx greenish with red hairs, corolla white, stamens yellow. Pistil green. Fruit violet. *Chidemia juruensis* (Pilger) Ekström
✓ Det. J. J. Wulfsberg, '69
- ✓✓✓ 5438 12 *Virola* Tree, 10 m. Calyx cream, bud green. ✓ *Virola elongata* (Benth) Warb.
Det. W. Rodrigues, 1960
- ✓✓✓ 5439 12 *Fern* Terrestrial. ± 1 m tall
- ✓✓✓ 5440 12 *Fern* Terrestrial
- ✓✓✓ 5441 4 *Rubiaceae* Subshrub. Fruits blue.
- ✓✓✓ 5442 2 *Melastomaceae* Herb, 0.50 m. Calyx and fruit green
- ✓✓✓ 5443 12 *Araliaceae* Treelet, 3.5 m tall. Fruits green
- ✓✓✓ 5444 11 *Leguminosae* Climber. Flowers violet. Leaves withering and losing color almost immediately, 1, 2, 3 flowers.
- ✓✓✓ 5445 12 *Proteaceae* Tree, 7 m. tall. Ovary green with white glands at base.
- ✓✓✓ 5446 12 *Clusia* Treelet, 6 m. Lower portion of calyx and corolla red, upper portion white. *Clusia columbiana* Engelm.
det. V. Bittrich, 2001
- ✓✓✓ 5447 12 *Leguminosae* Tree, 9 m. Fruits green. *Sclerolobium paniculatum* Benth.
var. *subvelutinum*
det. H. S. ... 1969

- J448 12 Rubiac Tree, 7m tall Corolla tube green, lobes white
 J449 12 Papilionoides Stangling climber, fls. purple
 J450 12 Vochysia Tree 6m. Fls. yellow, young fruits green
 J451 12 Cassia Treelet to 2m. Calyx yellow with red markings, corolla yellow, fruit red
 J452 12 Vismia Treelet, 4m tall Perianth green, ovary yellowish green, style white; buds green
 J453 12 Ananas Terrestrial Bracts pink flowers blue
 J454 12 Fagara Tree 15m x 25 cm diam. white
 J455 12 Sapindac Tree 15m x 20 cm diam. white
 J456 12 Bixa Tree 12m x 15 cm diam. f. green
 J457 12 Rubiac Tree 15m x 40 cm diam
 J458 12 Ananas Tree 20m x 30 cm diam. f. green
 J459 12 Bignoniac Liana corolla orange
 J460 12 Euphorbiac. Sub-shrub to 15cm. Young fruit green
 J461 12 Hamamelidac Sub-shrub to 40cm Infl. cream
 J462 12 Myrtaceae Staggling shrub to 1m. Fls. white

- ✓ *Ferdinandusa rudgeoides* (Benth.) Wedd. Det. Stojanovich, 1969
 ✓ *Abrus pulchellus* Wall. ex Thw. ssp. *tenuiflorus* (Benth.) Verdcourt Det. HSI, 69
 ✓ *Vochysia haenkeana* Mart. det. M.L. Kawasaki, 1991
 ✓ *Cassia sylvestris* Vahl Det. H.S. Fowin 1960
 ✓ *Vismia tenuinervis* (J.D. Berg.) N. Robson det. N. Robson, 2001
 ✓ *Ananas* (Burm. f.) L.B. Smith Det. L.B. Smith, 1968 July 3, 1968
 ✓ *Fagara* *Huber* Det. B.W. F. de ...
 ✓ *Fagara tenuifolia* Engelm. ex R.S. Cowan '13
 ✓ *Matayba arborescens* (Aubl.) Radlk. Det. J.T.P. 1970
 ✓ *Warszewiczia elata* Druce char. Det. Stojanovich, 1969
 ✓ *Guatteria* ...
 ✓ *Arakidaca* ...
 ✓ *Phyllanthus carolinensis* sp. *guianensis* (Kt.) Webster det. G. Webster 1986
 ✓ *Pfaffia* cf. *glauca* Spr Det. J.A. Moore, 1978
 ✓ *Psidium acutangulum* DC Det. R. The Vaughn 1972

- 5463 12 Cyperaceae Infl. golden
- 5464 4 Conyza Shrub to 1.5m Buds green
- 5465 12 Gramineae Creeping stems
- 5466 2 Cyperaceae Infl. yellow-green
- 5467 12 Inga Tree 8m Fls white
- 5468 12 Gramineae Caespitose.
- 5469 2 Tibiaceae Thicket 4m. Fls. white Young fruit green
- 5470 12 Acanthaceae Shrub 1m Corolla scarlet with yellow stamens
- 5471 12 Euphorbiaceae Herb Fls green, stigmas crimson
Track between Mutumpo and Rio Madeira
- 5472 12 Mimosa Shrub, straggling to 1m Capitula pale pink Young fruit green. Stem hairy above
incl. short hairs below
- 5473 7 Anacardiaceae Thicket 5m 1m thick brown Primary forest a term
- 5474 2 Meliaceae Tree 10m Fls white
- 5475 12 Acanthaceae Herb Infl. bright bracts pale green, lower sep. darker. Fls. white with purple markings
- 5476 12 Rubiaceae Herb creeping c. 5cm; fruit reddish orange gl. brans
- 5477 2 Leguminosae Woody climber. Fls. orange yellow

- ✓ *Cyperus esculentus* L.
Det. T. Koyama 1967
- ✓ *Conyza uiti* (Poe.) ...
Det. G. T. P. 1972
- ✓ *Cynodon dactylon* (L.) Pers.
Det. S. Dandee 1973
- ✓ *Eragrostis hypericoides* (Lam.)
ASP - Det. S. Dandee 1973
- ✓ *Muntingia calabura* L.
Det. W. Meijer 1972
- ✓ *Pachystachys riodelana* (Poe.)
Det. Wasshausen 89
Acalypha benensis Britton
det. G. Webster 1986
- ✓ *Mimosa pigra* L.
Det. H. S. I., 69
- ✓ *Guatteria megalophylla*
Diels. det. J. Van Rooden, 1979
- ✓ *Protium negligerum* ...
Swart Det M. S. Iva 1971
- ✓ *Justicia dubia* L. Lau
Det. Wasshausen 89
- ✓ *Geophila ropens* (L.) I.M. ...
Det. Stoyanov, 1969
- ✓ *Pithecarpus officinalis* ...
Det. H. S. I. 1972

- K 5478 ✓ 7 Rubiaceae Creeping herb, rooting at nodes Ripe fruit brilliant blue
- K 5479 ✓ 12 Piperaceae Treelet 2m Infl. brown
- K 5480 ✓ 12 Gramineae Erect
- K 5481 ✓ 12 Gramineae Creeping
- K 5482 ✓ 8 Piperaceae Sub-shrub 0.5m. Infl. green
- K 5483 ✓ 12 Rubiaceae Tree 8m. Bark very smooth & flaking reddish-brown. Young fruit green.
- K 5484 ✓ 6 Fern Terrestrial glaucous with short rhizome
- K 5485 ✓ 3 Hypnophytaceae Terrestrial
- K 5486 ✓ 12 Hirtella ✓ racemosa Lam. Treelet 2.5m Calyx gray-green, Corolla lilac-blue, stamens blue, style brown
- K 5487 ✓ 4 Fern Terrestrial
- K 5488 ✓ 3 Fern Terrestrial with creeping rhizome
- K 5489 ✓ 12 Viola Tree 20m, x 25cm. diam Fls. green
- K 5490 ✓ 12 Lamiaceae Parasite in Viola, 5489. Fls. green
- 5491 ✓ 6 Gramineae Solitary stems
- 5491A ✓ 1 Gramineae
- K 5492 ✓ 6 Polyporaceae on dead fallen tree. Upper surface white lower brown

PALLENS

✓ Psychotria ulviformis Stoyem.

✓ Det Stoyemmark, 1969
✓ ~~Piper~~ *dumosum* Rudge
det. E.F. GUIMARÃES, 1975✓ *Orthocladia lapa* (L. Rich.)
Beauv. det. H. David 73✓ *Achnanthes* ~~sp.~~
det. J. Kuyt 1980✓ *Poa silvicaudens* J. Kuyt
det. H. David 79✓ *Calycophyllum acreanum* Krause
Det. Stoyemmark, 1969✓ *Adiantum petiolatum* Desv.
det. J.T. Michel, 1980✓ *Trichomanes pinnatum* Hedw.
Det J.T. Michel, 1970✓ *Hirtella racemosa* Lam.
var. ~~sp.~~ det. J. Kuyt 1980
det. H. David 1973✓ *Viola elongata* (Benth.) Warburg
det. W. Rodrigues, 1980, 1989✓ *Viola theiodora* (Benth.) Warb.
Det. W.A. Rodrigues 1972
✓ *Phoradendron* ~~sp.~~ *crassifolium* (L.) Eichl.
det. J. Kuyt 1980 Kuyt, 1990✓ *Achnanthes paniculata*
Beauv. det. H. David 73
✓ *Olyra latifolia* L.
det. H. David 73✓ *Old TRAMETES* ~~sp.~~
(FR.) Krens.

det. L. Ryvarden, 1960

5493	✓ 6	Polyporaceae	Red on both surfaces	On dead fallen tree
K 5494	✓ 6	Polyporaceae	Upper surface white, lower pale orange	" " "
5495	✓ 4	Polyporaceae	" " brownish, lower pale brown	" " "
K 5496	✓ 6	(Fungus)	Cream on both surfaces	" " "
K 5497	✓ 6	Polyporaceae	Brown	" " "
5498	✓ 6	Polyporaceae	Vermilion	" " "
5499	✓ 4	Fungus		
K 5500	✓ 3	Fungus	Upper surface brown towards centre, white margins	
5501	✓ 6	Polyporaceae	Pale brown on both surfaces	
K 5502	✓ 4	Leguminosae	Woody vine. Fruit green & pendulous	
K 5503	✓✓ 12	Melastomataceae	Shrub 3m. Young fruit salmon red	
K 5504	✓✓ 12	Piperaceae	Tree c. 3.5m x c. 6cm diam. base. Young infl. cream	
5505	✓ 2	Palicourea	Shrub c. 2.5m. Rachis + infl. axis purple. Mature fruit dark blue	
5506	✓✓ 12	Melastomataceae	Herb to 3.5m. Corolla pale pink lilac. Young fruits green	
K 5507	✓✓ 12	Melastomataceae	Tree 15m x 15cm diam. Young fruit + infl. brownish	

- ✓ *Pycnoporus sanguineus*
det L. Ryvarden, 1980
- ✓ *Trametes modesta*
det L. Ryvarden, 1980
- ✓ *Coriopolopsis subglobosus*
det L. Ryvarden 1980
- ✓ *Coriopolopsis subglobosus*
det L. Ryvarden, 1980
- ✓ *Pycnoporus sanguineus*
det L. Ryvarden 1980
- Empty
det L. Ryvarden, 1980
- ✓ *Coriopolopsis byrsina*
det L. Ryvarden, 1980
- ✓ *Cassia frutescens* Mill.
Det. H. S. Irwin, 1969
- ✓ *Miconia leucosa* (Sw.) Tr. & B.
Det. J. T. Howell
- ✓ *Piper arboreum* Aubl. var. *arboreum* - det E. F. Gilmer 1975
- ✓ *Palicourea longiflora* (Aubl.) Rich.
Det. Steyermark, 1969
- ✓ *Acrotis aequatorialis* Cogn.
Det. J. T. Wurdack, '69
- ✓ *Miconia leucosa* (Sw.) Tr. & B.
Det. J. T. Howell 1975

- ✓✓✓ K 5508 12 Funga Tree 6m Corolla green, filaments white
- ✓✓✓ K 5509 12 Maraceae Tree 10m Fls. + young fruit green
- ✓✓✓ K 5510 12 Leguminosae Tree 20m x 30cm diam Fr green
- ✓✓✓ 5511 6 Moss On tree in forest. Glaucescent with cream colored rosette
- ✓✓✓ 5511B 5 Fungus Terrestrial Upper surface brown, lower cream
- ✓✓✓ 5513 3 Fungus From cut tree stump. Upper surface brown with white rim, lower white
- ✓✓✓ 5514 12 Polypodiaceae Stoloniferous. Infl. pubescent brown
- ✓✓✓ 5515 12 Eleocharis Caespitose Infl. light brown
- ✓✓✓ 5516 12 Rubiaceae Creeping herb Fruit light blue
- ✓✓✓ 5517 12 Rubiaceae Shrub 2.5m Infl. axis scarlet Corolla purple
- ✓✓✓ 5518 10 Rubiaceae Herb 45cm Corolla pink tube dark red
- ✓✓✓ 5519 12 Selaginella Erect
- ✓✓✓ 5520 3 Fern Terrestrial
- ✓✓✓ 5521 12 Melastomac Tree 8m ; young fr green
- ✓✓✓ 5522 9 Trichomanes Terrestrial

NY, INPA, J, US, MOIS,
BO, VEN

NY, INPA, J, US, MOIS,
S, BO,

- ✓✓✓ Inga myriantha (Klee.) Poepp. & Endl.
Det. J. Brinos 1982
- ✓✓✓ Naucleopsis ulci (Warb.) Ducke
Det. C. C. Berg, '69
- ✓✓✓ Dimorphandra gardneriana Tul.
Det. H. S. I., '69
- ✓✓✓ Octoblepharum albidum Hedw
Det. A. L. Smith, 1972
- ✓✓✓ Syrrhapodon lepreurii Mont
Det. A. L. Smith, 1972
- ✓✓✓ Amauroderma
det. L. Ryvarden, '80
- ✓✓✓ Perenniporia martinii
det. L. Ryvarden, '80
- ✓✓✓ Eleocharis filiculmis Kunth
Det. S. H. H. - Elizondo, 1991
- ✓✓✓ Psychotria sphaerocephala M. Arg.
Det. Stoyenmark, 1969
- ✓✓✓ Palicourea longistipulata (M. Arg.) Standl.
Det. Stoyenmark, 1969
- ✓✓✓ Sipania hispida Benth. ex Wernh.
var. hispida Det. Stoyenmark, 1969
- ✓✓✓ Selaginella asperula - det. P. E. Cavalcante,
MG sheet
- ✓✓✓ Lindaea po. toricensis Desv.
Det. J. T. Mickel, 1970
- ✓✓✓ Miconia ruficalyx Gleason
Det. J. J. Wurdack, '69
- ✓✓✓ Trichomanes vittaria DC.
Det. J. T. Mickel, 1970

Madeira opposite M. ...

forest on hill slopes ont.

K. 5523	12	Annonaceae	Tree 8 m, young, fruit green
K. 5524	2	Tachigala	Tree 15 m x 30 cm diam, corolla yellow
K. 5525	6	Rubiacae	Shrub 2 m, fruit white
K. 5526	12	Leguminosae	Tree 5 m, fruit white
K. 5527	12	Sapotaceae	Tree 3 m
K. 5528	12	Parkia	Tree 20 m x 70 cm diam, fruit green
K. 5529	4	Palmae	To 2.5 m tall
K. 5530	12	Viola	Tree 8 m, inflorescence brown
K. 5531	12	Bursera	Tree 8 m, fruit green
K. 5532	9	Cyperaceae	Growing in small clumps, inflorescence branch going up to about 60 cm tall
K. 5533	2	Cyperaceae	Growing in small clumps, inflorescence branch going up to about 50 cm tall
K. 5534	7	Malpighiaceae	Vine. Fruits red.
K. 5535	5	Asaceae	Terrestrial. Spathe green, fruiting spadix brown
K. 5536	12	Fern	Terrestrial
K. 5537	12	Leguminosae	Tree 20 m x 40 cm diam, corolla white, divided, petals, perianth
K. 5538	5	Orchid	Epiphytic. Fruit green

GUATTERIA
DET: U. SCHARF, 2001

Sclerolobium prancei Irwin & Arroyo
TYPE Det Arroyo, 1973

? *Kotchubaea* sp.
det. J. Kirkbride 1977
✓ *Kotchubaea* sp. perhaps *K. unophylla*
(Standall.) Skjærven. det. Kirkbride 1981

✓ *Pouteria resinifera*
(Ducke) R. & H. Silva

Sclerolobium sp.
Det. H. S. I., 69

Kotchubaea sp.
Det. Stoyanov, 1979
✓ *Myrcia palmarum* Berg
Det. R. McVaugh 1971

Hucuna rostrata Benth.
det. H. T. Arroyo, 1972
Parkia nitida Miq.
Det. H. S. I., 69

✓ *Geonoma juruanum* Damm.
Det. H. E. Moore, 1972
Viola calophylla Worb.
Det. J. T. P., 1969

Prothium carnosum A. C. Smith
det. D. Daly, 1990
Rhynchospora argyrobosa L. Britton
Det. T. Koyama, 1969

Diplasia karataefolia L. C.
Rich. det. T. Koyama 1969
fertile left

SERICANS 1122
VEL AFF LYS
fertile left
✓ *Mascagnia benthamiana* (Griseb.)
det. R. H. Whittier, 1972

✓ *Anthurium cyathatum* Englem.
det. D. Nicolson, 1972

✓ *Trichomanes hostmannianum* (Kuhn) Kuhn
Det. V. T. M. Kell, 1972

Campanula angustifolia Spreng. Bth.
Det. H. S. I., 69
✓ *Scopeloglossa schottiana* Schott
det. R. McVaugh 1971

- K 5539 ✓✓✓ 10 Palicourea Shrub c 4m Calyx crimson; Corolla
Rio Mutumparaná, 4-15
- K 5540 ✓✓✓ 12 Lauraceae Tree 8m; fls cream
- 12 5541 ✓✓✓ 12 Sapotac Tree 10m; corolla white
- 12 5542 ✓✓✓ 12 Virola Tree 4m; fls yellowish brown
- K 5543 ✓✓✓ 12 Cyperac Growing in small clumps
- K 5544 ✓✓✓ 12 Sapindac Vine; fruit red; seeds black
- K 5545 ✓✓✓ 12 Tachigalia Tree 8m, corolla yellow
- K 5546 ✓✓✓ 12 Licania Tree 6m, overhanging river
- K 5547 ✓✓✓ 12 Aspidospermum Tree 25m x 40 cm diams; fls
- 12 5548 ✓✓✓ 12 Rubiac Treelet 4m; fr green
- K 5549 ✓✓✓ 10 Orchidac Epiphyte; corolla lobes pinkish
dark red
- K 5550 ✓✓✓ 8 Rubiac Subshrub to 30 cm tall
- K 5551 ✓✓✓ 12 Genipa Tree 8m; corolla cream
- K 5552 ✓✓✓ 12 Melastomat. Track between Mutumparaná and Rio Madeira,
Treelet 4.5m, can. liformis. Young buds yellow green

sericea to verruculosa

✓ Same det
J. Mesleard 1975

Rocks above Mutumparaná (1/2 hr 3 H.P. note)
Banks of river

Iserertia hypoleuca Benth.
Det. Steyermark, 1969

July 4, 1968
Arivagutanensis Aublet
det. K. Aublet 1977

Pouteria cuspidata (A.D.C.) Baehni
ssp. *cuspidata* det. T. Pennington, 1989

✓ *Virola elongata* (Benth.) Walp.
det. W. Rodrigues, 1980

Virola cuspidata (Benth.) Warb.
1982 Det. W.A. Rodrigues 1972

flower, stem to 1m tall

Diplasia Karataefolia L.C. Rich
Det. T. Koyama, 1969

fruit white
✓ *Matayba speciosa* Radlk. also det. O. Kuntze 1977
det. T. Pennington 1980

Paullinia sp.
Det. J.T.P., 1969

abundant

Sclerolobium myrmecophyllum Buxb.
Det. H.S.I., 1969

buds pale green

Licania canescens R. Ben
Det. J.T.P., 1968

green sup red

✓ *Aspidosperma verruculosum* M. Arg.
Det. F. Markgraf, '69

✓ *Simira paraensis* (Baill.) Steyer.
ex char. Det. Steyermark, 1969

purple, upper lobe hood shaped, interior

✓ *Epidendrum brachyphyllum* Lindl.
det. G. P. Oakes 1970

young fruits dark green

✓ *Psychotria prunifolia* (H.B.K.)
Steyermark. Det. Steyermark, 1969

✓ *Genipa spruceana* Steyermark.
Det. Steyermark, 1969

July 5, 1968
✓ *Henriettea granulata* Berg ex Tr. & Planch.
Det. J.T. Wurdack 69

Mixed forest

No.	Family	Treelet Sm. Fruiting only	Treelet 4m Fls. white. Glands: calyx pink	Shrub 2m Fls. white buds	Sub-shrub 0.5m Corolla white lobes pink tipped No. 1000	Shrub 1.5-2m Fls. white Stamens yellow	Terrestrial Shrubby rhizomatous	Shrub 2m Corolla lilac, cream as base of petals. Anthers cream	Tree 8m. Young fruits green	Shrub 3m., straggling Fruits pale yellow turning black	Tree 7m. x 15cm Fls. cream	Tree 10m x 15cm Fls. orange-yellow	Treelet to 2.5m. Corolla white, stamens yellow-orange young fruit green	Tree 15m Fls. yellow in erect inflorescence	Sub-shrub 1m Infl. + young buds pale yellow	Tree c. 15m Buds grey Fls. pale yellow as they dull red	Shrub 3m. Fruits orange
5553	Vismia																<i>Vismia japurensis</i> Reichardt det. N. Robson, 2000
5554	Malpighiaceae																<i>Platonia</i> ^{EVANSII} curat. (2nd ed.) det. J. Anderson, 1975
5555	Rubiaceae																<i>Ferdinandusa rudgeoides</i> (Benth.) Wedd. Det. Stoyenmark, '69
5556	Melastomat																<i>Aciotis</i> sp. Det JJ Wurdack, '69
5557	Melastomat																<i>Aciotis</i> cf. <i>aristata</i> Ule det. J. Wurdack, 1997
5558	Legum																<i>Miconia</i> sp. Det JJ Wurdack, '69
5559	Melastomat																<i>Lindsaea</i> sp. Det J.T. Mickel, 1970
5560	Humiriace																<i>Macaranga</i> cf. <i>viscosa</i> Ducke Det JJ Wurdack, '69
5561	Rubiaceae																<i>Faramea</i> sp. Det. Stoyenmark, 1969
5562	Burseraceae																<i>Protium arborescens</i> (Aubl.) Marchal Det L.H. Porter, 1970
5563	Viola																<i>Viola elongata</i> (Benth) W. Burbig Det. W. Rodriguez 1982
5564	Solanaceae																<i>Viola theiodora</i> Spreng Det. W.A. Rodrigues 1972
5565	Vochysiaceae																<i>Solanum</i> det. m. nec, 1972
5566	Palicourea																<i>Vochysia</i> sp. Det M. Silva 1970
5567	Leguminosae																<i>Potalia amara</i> Aubl. Det. J.T.P. 1970
5568	Stychnos																<i>Sclerolobium myrmecophilum</i> Ducke Det H.S.I., '69
5569																	<i>Stychnos guianensis</i> (Lam.) M. det. L.H. Porter, 1970

probably *Acotea*
det. J. Rohrer 1986

July 4, 1968

Cordia psabrifolia A. DC.
Det. S. R. Jull, 1972

Passiflora coriacea Aubl.
det. J. de Costa 1980

Heliconia hirsuta L. f.
Det. A. J. M. Maas, 1972
Bauhinia unguiculata L.
Det. R. Wunderlin 1973

Swartzia lucida Cowan
Det. R. S. Cowan, 1973

same det.
J. Neslop-Harrison
1975

Uncaria guianensis (Aubl.) Gmel.
Det. Steyermark, 1969

Connarus ruber (Poepp. & Endl.) Planchon
var. *sprucei* (Baker) Forero
det. Forero 1981

Connarus ruber (Poepp. & Endl.) Planchon
var. *sprucei* (Baker) Forero
det. Forero 1981

Plinthanthes sp. *Struthanthus* sp.
det. J. Kuijt 1980

Lirionia octandra (Hoffbgg. ex R. S. S.)
Kuntze subsp. *pallida* (Hoffbgg.) Prance
Vismia tenuinervia (V. d. Rerg.) N. Robson
det. N. Robson, 2001

D. affinis *miscolobium* Benth.
Det. M. Arroyo 1972

Cassia lucens Vog.

Det. H. S. Irwin, 1969
Mouiriri apiranga Spruce ex T. Morley
Det. T. Morley '69

K. 5569. ✓✓ *Lauraceae* Shrub 2m. Fruits green

K. 5570 ✓✓ 12 *Boraginaceae* Tree c. 15m. Corolla white Km 167-169 of Madeira - Mamoré road near Mutum Paraná

Mixed forest on terra firma

K. 5571 ✓✓ 12 *Passiflora* Climbing herb. Fl. bracts yellow green with crimson venation. Corolla scarlet
Outer corolla lobes crimson purple inner white. Stigmatic lobes red, yell. brown.

K. 5572 ✓✓ 11 *Heliconia* c. 2m. Fl. bracts + fruit orange-red

K. 5573 ✓✓ 10 *Bauhinia* Treelet 4m. Perianth lobes reddish-brown, white inside. Filaments pink

K. 5574 ✓✓ 12 *Leguminosae* Shrub 2m. Calyx fleshy green. Fruit on long stalk, orange
Swartzia

K. 5575 ✓✓ 4 *Uncaria* Woody climber. Fruits pale brown

K. 5576 ✓✓ 7 *Connarus* Shrub 2m. Young fruit green tinged red, young seed with white oil

K. 5577 ✓✓ 12 *Connarus* Tree 4m. Young fruit green, young seed with dark yellow oil

K. 5578 ✓✓ 10 *Lamiales* Fleshy climber. Fls. green

K. 5579 ✓✓ 12 *Licania* Shrub c. 1.5m. Fls. white

K. 5580 ✓✓ 12 *Vismia* Shrub 1.5m. Buds crimson. Fruits green

K. 5581 ✓✓ 12 *Dalbergia* Tree c. 7m. Young fruit pale green

K. 5582 ✓✓ 12 *Cassia* Tree c. 7m. Fls. orange-yellow. Fruit green

K. 5583 ✓✓ 12 *Mouiriri* Shrub 4m. Corolla lobes white with blue centre. Anthers yellow

✓	5584	3	Palicourea	Treelet 1.5m. Young fruits & buds green	
L	5585	12	Moraceae	Treelet 5m. Laticiferous, white. Fruits green	
K	5586	✓	Clavija	Shrub 1m. Corolla in bud orange	
K	5587	✓	Hibiscus	Herb 2m. Corolla bright pink. Viscous. Staminal column white	
K	5588	✓	Leguminosae	Tree 6m. Young fruit greenish-red	
K	5589	✓	Cassia	Shrub c. 2.5m. Fls. yellow	
K	5590	✓	Mollia aperta	Tree c. 10m x 6cm diam. Fruit green	
K	5591	✓	Polygalac	Climber Fls. purple	
K	5592	✓	Leguminosae	Vine. Young fruits green	TYPE of Dalbergia grandistipula A.M. de Carvalho
K	5593	✓	Lauraceae	Tree 5m. Young fls. pinkish white	
	5594	✓	Clavija	Treelet 1m. Young fruits green	
	5595	✓	Hamillaceae	Herb to c. 0.5m. Fls. pale blue	
	5596	✓	Hamillaceae	Sub-shrub 1m. Infl. bracts green. Fls. scarlet. Anthers yellow	
K	5597	✓	Urticaceae	Infl. green	Chaetisma pubescens Mart. ex. S. Schubert det. T. G. Gentry 1979
K	5598	✓	Inga	Tree 7m. Fls. white	
					det. J. Steyermark 1977
					✓ Ixora sp. Det. Steyermark, 1969
					✓ Ficus us. rufa Schott in Spreng.
					✓ Det. C.C. Berg, 1970
					✓ Clavija cardenasii Rusby
					✓ Det. J.T.P. 69
					Paronia malacophylla Christ ex O.H. Gentry det. T. Gentry 1979
					✓ Acacia weberbaueri Harms ex. Det. H.S.I., 69
					✓ Cassia multijuga L.C. Rich.
					✓ Det. H.S. Irwin, 69
					✓ Apeiba tibourbou Aubl. Det. M. F. Silva 1972
					✓ Securidaca rupestris St. Hil. + Moench var. parvifolia Benn. Det. J. F. Wurdack, 1969
					✓ Dalbergia sp. ex on 7, Silva 73 same det. by V.E. Rudd, 1978
					✓ Aniba canelilla (H.B.K.) Mez det. K. Kubitzke 1979
					✓ Clavija elliptica Mez Det. J.T.P. 69
					✓ Pseuderanthemum boliviana Britton Det. D. Wasshausen, 1969
					✓ Pachystachys riedeliana Nees Det. D. Wasshausen, 1969
					✓ Xacistema sp. det. M.F. Silva 1972
					✓ Inga

- 5599 6 Passifloraceae Vine Fls. vermilion Corona tubular with orange
- 5600 9 Rubiaceae Tree 5m. Infl. axis purple Calyx pink becoming green with blue lobes in fruit
- 5601 12 Myrtaceae Shrub 2m. Fls. white
- 5602 12 Myrtaceae Shrub 2m. Young fruit green
- 5603 12 Rubiac Herb. Fls. light pink, darker throat. Ruellia nitida (Nees) Wagh. + J.R. Wood det. J.R. Wood, 2000
- 5604 10 Dilleniace Clamber, woody, fls. pale green Trach between Mutum point and Rio Madeira
- 5605 12 Mimosa Shrub, sem prostrate tuft pale green Mimosa pudica L. det. M.J. Jansen Jacobs, 76
- 5606 12 Malpighiaceae Vine. Calyx green, corolla yellow, calyx glands green. 1. m. to 2m. Capoeira
- 5607 9 Boranthaceae Parasite on Annonaceae. Frs. green
- 5608 12 ~~Convolvulaceae~~ ^{Dipsacaceae} Vine. Young fruits yellowish green Manettia coccinea Aubl. det. J.H. Kirbride
- 5609 9 Rubiaceae Shrub to 1.5m. tall. Fls. green, fruits purple
- 5610 3 Leguminosae Treelet, 2.5m. Fruits green. C. arborea, M. arborea det. P.L. Farchy 1988
- 5611 4 Vochysia Tree, 8m. tall. Fls. yellow. Disturbed forest on terra firme
- 5612 1 Liliaceae Herb. Petals white, staminal tube white with green markings
- 5613 12 Olacaceae Tree, 8m. Buds pale green Aptandra tubicarpa (Poepp.) Benth et Meis det. H. Sleumer 1982
- 5614 11 Rubiaceae Treelet, ± 5m. tall Rudgea krukovii Standl. det. Stojermark, 1969
- Passiflora spinosa (Poepp. + Endl.) Mast. det. A.C. Cervi, 1998
- Palicourea lasiantha Kunt. det. Stojermark, 1969
- Eugenia stipitata McVaugh det. R. McVaugh 1972
- Eugenia egensis DC. det. R. McVaugh, 1972
- Ruellia sp.
- Dolichopus brevipedicellatus Garcke ssp. brevipedicellatus det. K. Kubitzki, 1970
- Mimosa sp. det. H.S. 1969
- Cratogeomys merriami Carr. det. W.K. 1968
- Phthirusa sp. pyriformis (Kunth) Eichl det. J. Kuijt 1980 Kuijt, 1990
- Manettia coccinea Aubl. det. J. Ramos 1990
- Palicourea sp. (aff. crocea) det. Stojermark, 1969
- Clitoria amazonum Mart. ex Bth det. H.S. 1969
- Vochysia lucida Presl det. M.L. Kawasaki, 1991
- Aptandra sp. (Poepp.) Benth et Meis det. H. Sleumer 1982
- Rudgea krukovii Standl. det. Stojermark, 1969

- ✓ 5615 7 Euphorbia Tree, 8 m x 6 cm diam. Fls. green anthers cream
- ✓ 5616 12 Leguminosae Tree, 8 m x 5 cm diam. Fruits green.
- ✓ 5617 6 Psilotum Epiphyte Fruits green.
- ✓ 5618 12 Annonaceae Tree, 8 m. Fruits orange, young green.
- ✓ 5619 12 Piperaceae Herb to 50 cm tall Inflorescence green

- ✓ 5620 12 Solanaceae ^{in Serra do Tres Irmãos} Road to Cassiterite mines on north bank of Rio Madeira 5 km above Malungandu. Tree 4m; corolla green to purple, anthers purple to orange, style & stigma green forest on terrace
- ✓ 5621 12 Vismia Shrub 3m; corolla green with brown dots
- ✓ 5622 12 ~~Mottia~~ ^{apeiba} Tree 6m; corolla yellow, calyx exterior brown interior yellow
- ✓ 5623 12 Leguminosae Tree 7m; pods green with reddish brown pubescence
- ✓ 5624 12 Licania Tree 15m x 20 cm diam; calyx pale greenish brown
- ✓ 5625 12 Inga Treelet 4m; corolla cream filaments white
- ✓ 5626 7 Polygalae Vine; corolla purple
- ✓ 5627 12 Apocynac Vine; latex white
- ✓ 5628 12 Cordia Tree, corolla & filaments white
- ✓ 5629 12 Lecythidac Tree 20 m x 25 cm diam; corolla pale yellow, staminal appendage dark yellow

✓ *Psappigia procera*
Presl. det R. BARNES
1982

✓ *Haplophragma lasiocarpum* (Sul) Muell
arg. in W. Funt 1979

Dalbergia sp.
Det H. S. Irwin 1970

✓ *Psilotum nudum* (L.) Griseb
Det J. T. Mickel, 1970

Unonopsis buchtienii ~~Reh~~ F. Fries

^{det 1986 M. —}
✓ *Piper callosum* R. & P.
Det E. F. GUIMARAES, 1975

^{Sul 5, 1960}
✓ *Cyphomandra*
Det M. Zee, 1972

VISMIA BEMERGII V.D. BERG

DET: N. ROBSON
✓ *Apeiba tibourbou* Aublet
Det M. J. Silva 1972

✓ *Strophnodendron* sp.
Det E. Forero 1970
stryphnodendron Foreroi Martins
det. E.M.O. Martins, 1988

Licania octandra (Hoffm.) ex R. & P.

✓ *Inga subsp. pallida* (Spreng.) Prance

✓ *Inga thibaudiana* DC.
Det T. Elias, 1970

Securidaca riviariaefolia St. Hil. + Moq.
VAR. *PARVIFOLIA* Benth.

Det J. J. Wurdock, 1964

Rhipidia amazonica Markgraf

✓ *Cordia ucayalensis* Johnston
Det S. R. Hill, 1972

✓ *Couatari macrosperma* A.C. Smith
Det G. T. Prance, 1972

- 5630 ^{✓✓} 12 Piper shrub 1 m tall; infl. red
- 5631 ^{✓✓} 6 Apocynac Vine, corolla deep red, latex white
- 5632 ^{✓✓} 6 Cassia Tree 7m; corolla yellow
- 5633 ^{✓✓} 12 Convolvulac Vine, corolla white
- 5634 [✓] 2 Apocynac Shrub 2 m, corolla white, green, latex cream, fruit orange
- 5635 [✓] 2 Euphorbiac Upper surface brown, lower surface white
- 5636 [✓] 2 Rubiac Tree 1 m tall, mature fl. red
- X 5637 ^{✓✓} 12 Piper Shrub 3 m tall, infl. green
- 5638 ^{✓✓} 12 Melastomac Treelet 4 m, infl. white, bracts red, fruit orange
- 5639 ^{✓✓} 12 Acanthac Shrub 1 m tall, infl. white
- 5640 ^{✓✓} 12 Cyperac Campulose herb, growing in stream
- 5641 [✓] 12 Rubiac Herb, mature fl. purple
- 5642 [✓] 3 Inga Tree 10 m, corolla pale green, filaments white
- 5643 [✓] 2 Malpighiac Liana, corolla yellow
- 5644 ^{✓✓} 12 Malvaceae Shrub 2 m tall, corolla pale yellow, anthers dark yellow
- 5645 [✓] 4 Poaceae Vine corolla scarlet

- ✓ *Piper mollicomune* Kunth
det. R. Jallgas 1979
- ✓ *Odontadenia verrucosa* (B. et S.) K. Schum.
Det. F. Markgraf, '69
- ✓ *Cassia multijuga* L. C. Rich.
Det. H. S. Gentry 1987
- ✓ *Previatella cf. glabra* Chav. & R. Becker, 1972
- ✓ *G. Staples* 1984
- ✓ *Stenosolen heterophyllus* (Vahl) Markgraf
Det. F. Markgraf, 1969
- ✓ *Panus badius* (Benth.) Singer
Det. R. Singer, 1970
- ✓ *Desmanthus cf. leptospatix* Mart.
Det. H. E. Moore, 1972
- ✓ *Miconia nervosa* (Sm.) Triana
Det. J. T. Wurdack
- bag destroyed & discarded
- ✓ *Cyperus multifolius* - det. M. E. van den Berg, MG sheet
- ✓ *Sabicea glabrescens* Benth.
Det. Stoyermark, 1969
- ✓ *Dioscorea* *nuai* Kunth
det. M. Chase 1981
- ✓ *Nissadula excelsior* (Cav.) Presl
Det. A. Krapovickas, 1970
- ✓ *Passiflora glauca* L.
det. M. Chase 1981

5646	✓ 3	Xylopia	Treelet 2m, fr. bright red		
5647	✓✓ 10	Bignoniaceae	Liana, corolla pale yellow		Periarrabidaea truncata A. Sampa. det A. Gentry 1982
5648	✓ 4	Hippocrateae	Liana, fruit green		Lonchocarpus cordata Vell. det J. Kallunki 1988
5649	✓✓ 11	Guttiferaceae	Tree 12m x 15 cm diam, corolla green, filaments white		✓ Rheedea longifolia det M. Nee, 1979 Rheedea macrophylla (Mart.) Tripl. & Pl. det M. Nee, 1979
5650	✓✓ 12	Cephaelis	Shrub to 1m tall, bracts green beneath, scarlet above with green margins, corolla cream-yellow	Varzea forest	Psychotria poeppigiana M. Arg. Det Stoyan, '69
5651	✓✓ 12	Acanthaceae	Scandent growing over vegetation, corolla red		✓ Ruellia cordifolia Lindau Det Wasshausen 69
5652	✓✓ 12	Apocynaceae	Tree 20m x 40 cm diam, infl. dark red, corolla pinkish-purple, latex white		Couma guianensis Aubl. Det F. Markgraf, '69
5653	✓ 5	Monimiaceae	Treelet 3m, young fr. green		✓ Couma macrocarpa Rorb. Podt. det J. Zarucki 1981 Mollinedia cf. ovata Ruy et Pavon. det S. R. Hill 1973 Mollinedia sp. det M. J. Silva 1973
5654	✓✓ 12	Tiliaceae	Tree 6m; calyx white	river bank	✓ Muntingia calabura L. Det W. Meijer 1971
5655	✓✓ 12	Bauhinia	Shrub 3m, filament white	seemingly red with age	✓ Bauhinia pinguiculata L. det R. P. Wunderlin 1972
5656	✓✓ 12	Bignoniaceae	Vine. Fr. pale green, grey pubescent.	Km 167-169 Madeira-Manoré railroad near Mutumpaná. Disturbed forest on t.f.	✓ Bauhinia benthamiana Taub. July 6, 1968 det A. Arroyo '72 Arrabidaea platyphylla DC. det A. Bentley 1972
5657	✓✓ 12	Bignoniaceae	Tree, 8m tall, without leaves at time of flowering. Fls. violet		✓ Jacaranda det D. R. Hunt 1972 Jacaranda obtusifolia HBK. subsp. obtusifolia
5658	✓✓ 9	Verbenaceae	Scandent, corolla bright pink; fruits green		✓ Lantana cujabensis Schau. Det. H. N. Moldenke, 1969
5659	✓✓ 12	Papilionaceae	Tree 6m tall. Calyx purple, corolla violet with green markings		✓ Dalbergia gracilis Benth. Det M. Arroyo 1972
5660	✓✓ 12	Leguminosae	Track between Mutumpaná and Rio Madeira Tree 7m, trunk divided into 6 at 1m above ground, fr. green	July 6, 1968 Capoeira	✓ Sweetia nitens (Vog.) Benth. det H. J. Esser, 1973
5661	✓✓ 12	Mabea	Shrub 2m tall, fls. green, fr. red	green apex, latex white	Mabea elegans Rusby det H. J. Esser, 1973

- 5662 ✓✓ 12 Leguminosae Shrub to 4m tall
- 5663 ✓ 2 Passiflora Liana, corolla red, columella green; fruit green, spotted white
South bank of Rio Madeira 2 km above Matum Paraná
- 5664 ✓ 7 Leguminosae Shrub 1m tall, corolla yellow with red veins muddy river bank
- 5665 ✓✓ 12 Jussiaea Herb to 80 cm tall, corolla yellow
- 5666 ✓ 3 Rhamnaceae Vine, fls cream, young fr green Varzea forest
- 5667 ✓ 4 Acanthace Subshrub to 40 cm tall, corolla cream
- 5668 ✓ 3 Lerythidace Shrub 3m tall, corolla white, fls green
- 5669 ✓✓ 12 Meliaceae Treelet 2m, corolla and staminal tube white
Guibaea quadrangula K. & A. det. L. Escobar 1984
- 5670 ✓✓ 12 Acanthace Shrub to 4m tall, corolla cream
- 5671 ✓✓ 12 Hirtella triandra Sw. Treelet 5m; corolla white, filaments purple with white base
- 5672 ✓ 4 Apocynaceae Shrub 2m tall, corolla white, lobes white
- 5673 ✓ 8 Theobroma Scandent tree 10m tall, fls deep red
- X-5674 2 Tiliaceae Treelet 3m, fls white
- X-5675 ✓ 2 Acanthace Subshrub to 15 cm tall, fls green, bracts purple
- X-5676 2 ? Treelet 50 cm tall, fls orange
- 5677a ✓ 4 Salix Treelet 3m tall, growing on a single large stump on muddy bank

Pithecellobium amplissimum Ducke
Det HSI, '69

Passiflora glandulosa Car.
det. J. S. G. da Silva, 1980

Leachynomene sensitiva Sw.
Det V. Rudd 1912

Ludwigia decurrens Walt.
Det. P.H. Raven, 1971

Colubrina glandulosa Perkins
Det. J.T.P., 1970

Ruellia thyrsoides Lindau
Det Waxeshausen, '69

Psychotria leucopetaloides (Sw.) Merr.
det. J. S. G. da Silva, 1980

Trichiliza guarensis Kl. ex L. DC.
Det T.D. Pennington 1971

Pachystochys riedeliana Nees
Det Waxeshausen, '69

Hirtella triandra Sw.
subsp. *triandra* det. J.T.P., 1970

Stenosolen heterophyllus (Vahl) MGF.
Det F. Markgraf, '69

Theobroma speciosum Willd. ex Spreng
det. L. Donn 1989

Cheilochlinium cognatum (Miers) A.C. Sm.
det. T.D. Pennington, 1980
Salix martiana Hopbold

✓✓✓ 5678 12 Licania octandra Tree 5 m x 10 cm diam. Calyx greenish brown, young fruit green.

✓✓✓ 5679 8 Acanthaceae Shrub. - 1 m tall. Calyx green, corolla red.

✓✓✓ 5680 12 Melastomataceae Shrub, 3 m tall Calyx green, corolla violet.

✓✓✓ 5681 10 Fern Terrestrial, beside pond.

✓✓✓ 5682 12 Acanthaceae Herb, flowers pink

✓✓✓ 5683 12 Inga Tree, 6 m. Calyx and corolla yellowish green, stamens pale green or yellow, anthers purple.

✓ 5684 2 Bromeliac. Epiphyte, bracts red, flowers white with upper portion purple.

✓✓✓ 5685 12 Tachigalia Tree 10 m. Sepals lilac, petals yellowish green, anthers brown, young fruit green.

✓✓✓ 5686 12 Passiflora Climber. Fls red, corona white & purple, ovary and stigma green, style red. Filaments green with purple dots, anthers green, frs. green.

✓✓✓ 5687 12 Cordia Tree, 6 m. Young fruit pale green.

✓✓✓ 5688 12 Passiflora Vine, fls. vermillion, corona filaments orange. Frs. green.

✓✓✓ 5689 7 Passifloraceae Vine. Bracts green, perianth violet inside, green outside, corona filaments violet and white, pistil pale green, stamens and fruit green.

✓✓✓ 5690 12 Malpighiac. Vine. Calyx glands purple, corolla red and yellow; mature fruit purple.

✓✓✓ 5691 12 Apocynaceae Vine. Fls. yellow

✓✓✓ 5692 12 Fern Epiphyte.

Licania octandra (Hoffm., ex R. & S.)

✓ Kuntze subsp. pallida (Hook. f.)

Prance, Det. by T. P. 1968

✓ Justicia secunda Vahl

✓ Det. D. C. Wasshausen, 69

✓ Macairea cf. viscosa Ducke

✓ Det. J. T. Wurdack, 69

✓ Dryopteris Seratum (Cav.) C. Chr.

Det. M. Silva 1971

✓ Pseudoranthemum sp.

✓ Det. D. C. Wasshausen, 69

✓ Inga speciosa Spruce

det. A. S. Silva 1978

✓ Aechmea mertensii (Meyen) Schult. f.

✓ Det. W. Smith VII 1969

✓ Sclerobium myrmecophilum

✓ Det. H. S. I., 69 Ducke

✓ Passiflora viridis Aubl.

det. J. de la Costa, 1982

✓ Cordia alliodora (R. & P.) Oken

det. H. Agostini, 1970

Passiflora sp. - A. C. Cervi

✓ Passiflora serrata-digitata L.

det. J. de la Costa, 1982

✓ Stigmaphyllon hypoleucum

✓ Det. A. C. Cervi 1979

✓ Odontadenia hypoglauca (Stadelm.)

✓ Det. F. Markgraf 69 m. asq.

✓ Lygodium venustum Sw.

✓ Det. J. T. Mickel, 1970

✓ Phyllites serrata (Cav.) Alston?

Det. A. C. Smith 1978

✓ Siphonoglossa sessilis (Jacq.) Oerter

Det. C. E. B. Bremekamp 1972

5693	3	Passiflor	West bank of Rio Madeira opposite Abunã, Belém forest - terra firme
5694	13	Euphorbiac	Vine; corolla bright red; appendages red; corolla pink with yellow anthers
5695	8	Acanthac	shrub to 2m, corolla scarlet, anthers yellow
5696	4	Araceae	Epiphyte on tree trunks
5697	5	Polypodiac	Epiphyte
5698	4	(Liverwort)	Growing over leaves on trees
5699	13	Tabernaemontana	Shrub 2m; corolla white; latex white
5700	13	Leguminosae	Tree 18m x 25 cm diam; young fr green
5701	13	Rubiace	shrub 1.5 m tall; mature fr red
5702	3	Myrtac	Treelet 3 m; fls white
5703	6	Polyporac	Growing on dead log, upper surface reddish brown, lower surface white
5704	4	Rubiace	shrub 1m tall, fr orange, maturing black
5705	3	Heliconia	2.5 m tall, bracts red with orange tips
5706	13	Cassia	climber; corolla yellow
5707	12	Malpighiac	Liana; corolla yellow, glaucous yellowish green

July 9, 1968
Passiflora coccinea Aubl.
 det. José de Costa Lima 1970

Acalypha benensis Britton
 det. G. Webster 1986

✓ Conf. det. m. madecassa 1975

✓ *Monstera obliqua* (Miq.) Walp. - det. O. Nicolson 1973

✓ *Asplenium serratum* L.
 Det. J.T. Mickel, 1970

✓ *Meteoriopsis palula* (Vell.)
 Benth. det. O. Nicolson 1973

✓ *Anacampa pendula* Mgf.
 n. sp.

✓ *Dialium guianense* (Aubl.) Sandw.
 n. var. *heterophyllum* W. Rodr. -
 det. W. Rodriguez 1974

✓ *Psychotria stenostachya* Standl.
 det. J. Kirkbride, 1977

✓ *Rudgea longifolia* (H+B) Standl.
 det. J. Steyermark 1977

✓ *Psychotria* sp.
Palicourea cf. *calophylla* DC
 det. J. Steyermark 1977

✓ *Hypocistis guianensis* Aubl. DC
 R. Holmgren 1970

✓ *Grametes modesta*
 det. L. Rydard, 1980

✓ *Psychotria racemosa* (Aubl.) Raensch.
 Det. Steyermark, 1969

✓ *Heliconia episcopalis* Vellors
 Det. P.J.M. Maas, 1972

✓ *Cassia spinescens* Hoffm. ex Vog.
 Det. H. S. Irwin, '69

✓ *Banisteriopsis urucuruba* Jacq.
 det. B. ...

5708. ✓ 5 Palmae 5 m tall, ± 14 leaves in crown, leaves with about 40 divisions, deeply divided in middle of fan, fruit separate
- 5709 ✓✓ 13 Laurac Tree 20m x 20 cm diam, green, fls greenish-brown; young fr & cupule
- 5710 ✓✓ 13 Acanthac Herb 20 cm tall, bracts green; corolla tube white, lobes purple
- 5711 ✓✓ 13 Cordia Tree 8 m, corolla white, young fl green
- 5712 ✓ 4 Bromeliac Epiphyte, bracts & young fr green
- 5713 ✓ 2 Orchidac Epiphyte
- 5714 ✓✓ 16 Sapindac Shrub 2m tall; fruit maturing red
- 5715 ✓✓ 6 Hirtella Treelet 3m; corolla blue, filaments purple
- 5716 ✓✓ 13 Anonac Tree 20m x 30 cm diam; perianth green-tinted brown
- 5717 ✓✓ 13 Gramineae stems solitary or in small clump
- 5718 ✓ 2 Duroia Tree 8m; fr green, fruit separate
- 5719 ✓✓ 7 Polypodiace Climber
- 5720 ✓✓ 13 Moraceae Tree 10m x 10 cm diam, fls yellow
- 5721 ✓✓ 13 Inga Treelet 4m, corolla cream with red tips, filaments white
- 5722 ✓✓ 13 Mimosoidae Liana; corolla greenish-white, filaments white
- 5723 ✓ 3 Acanthac Shrub 1.5m; corolla scarlet; calyx & bracts dark purple

Synandrodaphne kunthiana (Nees) Rohwer, det. J. Rohwer 1985
Rhodostemonodaphne kunthiana (Nees) Rohwer, det. J. Rohwer 1986

- ✓ Chelyocarpus chuco (Mart.) Moore [ined.]
Det. H. E. Moore 1972
- ✓ Nectandra arnottiana Nees
det. Allen & Barnaby 1974
- Jacobinia sp.
Det. Wasshausen '69
- ✓ Cordia sellowiana Chambr.
Det. S. R. Hill, 1972
- ✓ Vriesia heliconioides (HBK.) Hook. ex Walp.
Det. L. B. Smith, 1969
- ✓ Epidendrum anceps Jacq.
Det. G. Pabst, 1969
- ✓ Paullinia cuneata Radlk.
Det. J. T. P. 1970
- ✓ Hirtella racemosa Lam.
var. racemosa Det. J. T. P., 1968
GUATTERIA lasiochalyx R. E. Fr.
Det. P. S. M. MAAS, 2002
- ✓ Orthocladia lafa (L. Rich.) Beauv.
Det. M. Davidse 1973
- ✓ Duroia sp.
det. J. Steyermark 1977
- ✓ Polypodium (Microgramma) persicariifolium Schrad.
Det. J. T. Mickel 1970
- ✓ Naucleopsis olei (Walt.) Ducke
Det. C. C. Berg, '69
- ✓ Inga capitata Desv.
det. J. Guinès 1982
- ✓ Acacia cf. parsonsii Ducke
Det. H. S. I., '69
- Pranceacanthus coccineus Wassh.
det. D. Wasshausen, 2001

5724 ✓ 2. Piper Shrub 2m, infl reflexed

5725 ✓ 5 Zingiberac To 3m tall ^{top} bracts red

5726 ✓ 3 Hymenophyllac Terrestrial

5727 ✓ 8 Orchidac Epiphyte, fruit green

5728 ✓ 8 Euphorbiac Vine; fls green

5729 ✓ 2 Gurania Vine; corolla orange

5730 ✓ 4 Acanthac Herb to 40 cm tall, corolla blue with white markings, towards center

5731 ✓ 11 Piper Shrub 1m, infl erect

5732 ✓ 6 Piper Shrub 1.5m; infl deflexed

5733 ✓ 12 Onagraceae Shrub, 1m tall. Sepals green, petals yellow. Lower fruit red. ^{Rancho} ^{Syria & Savanna} ^{Ludwigia} ^{(Poir.) Hara det} ^{T.B. Ramanantsoa 1980}

5734 ✓ 12 Xyridaceae Herb, 20 cm tall. Fls yellow

5735 ✓ 12 Xyridaceae Herb, 50 cm tall. Fls yellow

5736 ✓ 12 Anacardiaceae Shrub, 2 m tall. Buds yellowish green

5737 ✓ 12 Cassia Subshrub, 20 cm tall. Fls yellow. Mature fruit purplish brown

5738 ✓ 12 Sapindac Vine. Fls white. Orange wings

Costus ? amazonicus (Loes.) Macbr

Det PTM Maas, 1969

Trichomanes pinnatum Hedw

Det J.T. Mickel, 1970

Octomeria sp. Det G. Pabst 1970

Byttneria cf. boliviana Britton
det. G. Webster 1986

~~Suriana~~ ~~prostrata~~ Cogn.
Det C. Jeffrey 1974

Justicia cf. pittonioides

Det Wasshausen 69

Piper sp. (sterile specimen)
det R. Calligas 1979

Piper dumosum Wedge
det Ricardo Calligas 1979

Ludwigia lithospermifolia
(Kunth.) Hara det P.H. Raven 1971

Xyris jupicai L.C. Rich

Det L.B. Smith, '69

Xyris savanensis Miq.

Det L.B. Smith '69

Tapirira guianensis Aubl.

Det. G.T.P. 1970

Cassia flexuosa L.

Det. H.S. Irwin, 69

Serjania sp.

Det. G.T.P. 1969

- 5739 12 Melastomaceae Shrub, 50 cm tall. Fls. white.
- 5740 12 Maranthaceae Herb to 1.5 m tall. Fls. white.
- 5741 8 Rubiaceae Herb, 50 cm tall. Calyx orange. Buds orange, frs. green.
- 5742 12 Cyperaceae Stem solitary.
- 5743 12 Compositae Shrub to 3 m tall. Bracts green. Fls. white.
- 5744 12 Compositae Shrub to 2 m tall. Bracts green. Fls. white.
- 5745 4 Melastomaceae Herb. fls. pink.
- 5746 12 Bignoniaceae Vine. Mature fruits purple.
- 5747 12 Melastomaceae Shrub to 2.50 m. tall. Calyx pale green. Corolla white. Frs. dark red.
- 5748 12 Melastomaceae Shrub. Calyx pale green. Petals white. Frs. pink at base. Stamens yellow.
- 5749 17 Myrtaceae Tree, 5 m tall. Calyx green.
- 5750 12 Inga Tree, 5 m. tall. Calyx pale green, red and yellow, anthers red.
- 5751 12 Licania Tree 6 m tall. Perianth green. Cream long frs. green, white.
- 5752 10 Annonaceae Treelet, 4 m tall. Fls. pale green, brown pubescent. Frs. green.
- 5753 12 Vismia Tree, 5 m. Buds green.
- 5754 12 Caraipe Tree, 6 m. Perianth green, stamens cream.
- 5755 12 Viola Treelet, 5 m tall. Frs. green.
- 5756 12 Lacistemoc Shrub. Inflorescence green.

- Rhynchanthera harentiana* DC.
Det. J.J. Wurdack, '69
- Ischnosiphon cannoideus* (Lam.) Koern.
nom. nov., stat. nov.
det. L. Andersson 1977
- Ischnosiphon leucophaeus*
Det. F.J.M. Maas 1912
- Palicourea triphylla* DC.
Det. Steyermark, 1969
- Vernonia brasiliensis* (L.) Aubl.
det. M. G. Silva 1980
- Ichthyothere terminalis*
(Spreng.) Malme
Det. G.M. Barroso 69
- Acotis cf. uliginosa* (Naud.) Triana
Det. J.J. Wurdack, '69
- Arrabidaea chica* (HBK.) Verlot
Det. A.A. Atchley 1972
- Clidemia novemnervia* (DC.) Triana
Det. J.J. Wurdack, 1969
- Miconia* sp.
Det. J.J. Wurdack, '68
- Mouriri apiranga* Spruce
ex Triana - Det. T. Morley '72
- Inga cf. setifera* DC.
det. A.S. Silva 1979
- Licania octandea* (Hoffm.) ex B. & S.
Kuntze subsp. *pallida* (Hoffm.) Kuntze
Guttena sp. det. U. Schaff
- Vismia tenuinervia* (Vahl. Bg.) N. Robson
det. N. Robson, 2001
- Caraipe densifolia* Mart. (cf.)
Kubitzki - det. K. 72
- Viola sebifera* Aubl. Det. J.F.P. 69

- 5757 ^{III} 12 Lycopodium Herb. Fruiting bodies green
- 5758 ^{III} 12 ~~Apocynaceae~~ Tree, 5 m. Calyx green, corolla
Loganiaceae
- 5759 ^{III} 12 Cassia Treelet to 3 m tall. Calyx yellow
red
- 5760 ^{III} 12 Apocynaceae Tree, 10 m. Fruits green, white
- 5761 ^{III} 12 Annonaceae Treelet, 3.5 m. Fls. green or cream
- 5762 ^{III} 12 Rubiaceae Tree, 4 m x 10 cm diam. Calyx
corolla white.
- 5763 [✓] 4 sub Palmae Tree, 4 m. 81 pinnae per leaf
- 5764 ^{III} 12 Eriocaulaceae Herb.
- 5765 ^{III} 12 Eriocaulaceae Herb.
- 5766 ^{III} 12 Acanthaceae West Bank of Rio Madeira opposite
Vine, corolla dark red
- 5767 [✓] 3 Xylopia Treelet 4 m, fruit reddish-orange
- 5768 ^{II} 8 Hippocrateae Liana, young fr. green
- 5769 ^{III} 13 Hirtella Treelet 4 m, corolla blue
- 5770 ^{III} 13 Melastomaceae Shrub 1 m tall, calyx green
fr. blue
- 5771 ^{III} 13 Inga Tree 20 m x 20 cm diam

- exterior green, interior white or purple
- with red markings, corolla yellow. Fruit
- interior Foss. sep.
- fr. green
- fr. green
- Foss. sep.
- Foss. sep.
- Bonyunia superba Schomb.
Det. F. Markgraf, 1969
- Cassia sylvestris Vell.
Det. H.S. Irwin, 69
- Himatanthus phagedaenicus
(Mart.) Woodson
Det. F. Markgraf '69
- GUATERIA MAYPURENSIS KUNTH
Det. P.J.M. MANS, 2000
- Genipa spruceana Stryern.
Det. Stryern, 1969
- Mauritia sp
Det. H.E. Moore 1972
- Syngonanthus longipes Gleason
Det. Moldenke, 1969
- Syngonanthus gracilis var aureus
Ruhl. Det. Moldenke, 1969
- July 9, 1968
- Mendoncia schomburgkiana
Det. Wasshausen 69
- Keana
Det. W.H.A. Decker KTH
- Hirtella hispidula Miq.
Det. J.T.P. 1968
- red pubescence, corolla white, mature
- corolla green, filaments white
- Cldemia juvencensis (Alger) Gleason
Det. J.T.W. Wurdack, '69
- Inga thibaudiana DC.
Det. T. Elias, 1970

5772 ^{✓✓} 13 Myristicaceae Tree 20 m x 20 cm diam; fls brown

5773 ^{✓✓} 6 Polypodiaceae Epiphyte

5774 ^{✓✓} 7 Piper shrub to 70 cm tall

5775 [✓] 4 Heliconia To 80 cm tall, bracts reddish orange, fruit orange

5776 ^{✓✓✓} 13 Inga Treelet 3 m, corolla cream, fls white

5777 ^{✓✓✓} 13 Piper shrub to 50 cm tall, infl. lateral

5778 [✓] 3 Theophrastaceae Treelet 50 cm tall, young fr. green, maturing orange

5779 ^{✓✓✓} 13 Schizolobium Tree 20 m x 50 cm diam; corolla yellow

5780 ^{✓✓} 8 Mucuna Liana; corolla purple, calyx dark bluish-purple

5781 ^{✓✓✓} 13 Siparuna Tree 6 m; fls green

5782 ^{✓✓} 10 Sapindaceae Shrub 3 m; fruit red, seed black, fls white

5783 ^{✓✓} 13 Melastomataceae Tree 18 m x 20 cm diam; corolla white

5784 ^{✓✓} 13 Miconia Tree 7 m x 6 cm diam; buds brown

5785 [✓] 2 Gramineae Stem solitary, trailing over undergrowth

5786 ^{✓✓} 8 Dilleniaceae Liana; corolla yellow

✓ *POLYPODIUM REPENS* AUBL.
DET. J.T. MICHEL 1975

forest on terra firme

I. tenuis (Presl) Hitch. & Chase
det. M.N. Bastos 1990

(glabrous form
K. Kubitzki 70)

warb.

✓ *Osteophloeum platyspermum* (A.D.)
Det. J. T.P. 1969

✓ *Polypodium* sp
Det. M. Silva 1971

✓ *Piper anisifolium* f. *parvifolium*
under det. R. Callejas 1979

✓ *Heliconia densiflora* Hort. ex Verlot
Det. P.V.M. Maas, 1972
July 10, 1968

✓ *Inga punctata*
det. J. Gomes 1982

✓ *Piper callosum* Ruiz & Pavon
det. R. Callejas 1979

✓ *Clavija lancifolia* Desf.
Det. J. T.P. '69

✓ *Schizolobium amazonicum* Huber ex Ducke
Det. H.S.T. '69

✓ *Dioclea glabra* Benth
det. R.H. Maxwell, 1969

✓ *Siparuna* cf. *poepigii* (Tul.) A.C.
ex S.R. Nee 1973

✓ *Matayba purgans* (P. & E.) Radlk.
Det. J. T.P. 1969

✓ *Miconia poeppigii* Triana
Det. J.T. Wurdack, 1969

✓ *Miconia seriantha* DC.
Det. J.T. Wurdack, 1969

✓ *Ichnanthus* sp
Det. T. Soderstrom, 1970

✓ *Davilla kunthii* St Hil.
Det. K. Kubitzki, 1970

- 5787 ✓✓ 13 Bignoniace Liana, corolla lilac
- 5788 ✓✓ 13 Tapura Treelet 5m
- 5789 ✓✓ 8 Pteridophyte Epiphyte in palm crown
- 5790 ✓ 4 Gramineae stems solitary
- 5791 ✓✓ 13 Annonace Tree 25m x 40 cm diam, corolla white
- 5792 ✓✓ 13 Burserae Treelet 5m
- 5793 ✓ 5 Hirtella shrub 3m, inf rachis red, buds green
- 5794 ✓ 6 Pteridophyte Terrestrial in small clumps
- 5795 ✓ 3 Pteridophyte Terrestrial with creeping rhizome
- 5796 ✓✓ 13 Campsoneura Treelet 5m, young fr green
?ulei
- 5797 ✓✓ 13 Inga Tree 20m x 20 cm diam
- 5798 ✓ 6 Auricularia Growing on dead log, upper surface brown, lower surface grey brown
- 5799 ✓ 4 Rubiace Subshrub + 20 cm tall; mature fr blue
- 5800 ✓ 3 Polyporace Growing on dead log
- 5801 ✓✓ 13 Cassia Tree 10m x 10 cm diam; corolla yellow
- 5802 ✓✓ 13 Ficus Strongly tree 20 m tall; syncorium brown

✓ *A. brachyloba* (DB) Bur.
det. A. Gentry, 1976.

- ✓ *Arrabidaea*
det. D.R. Hunt 1972
- ✓ *Nephrolepis biserrata* (Sw.) Schott
Det. J.T. Mickel, 1970
- ✓ *Schnaithus panicoides* Beauv.
det. H. Davies 1973
- ✓ *Bocageopsis multiflora* (Mart.) R.E. F.
det. J. Van Rooden, 1970
- ✓ *Protium plagiocarpum*
as *P. Parler* 1970
Protium aracouchini (Hublet) Marchand
Det. D. Daly, 1988
- Hirtella pilosissima* Mart. & Zucc.
Det. J.T.P., 1968
- ✓ *Adiantum terminatum* Kunze
Det. J.T. Mickel, 1980
- ✓ *Ctenitis protensa* (Afz.) Ching
Det. J.T. Mickel, 1970
- ✓ *Compsonura ulei* Warb.
Det. J.T.P., 1969
- ✓ *Ariza leiocalyx*
det. J. Gurnes 1982
- ✓ *Auricularia polytricha* (Montagne)
Saccardo Det. B. Lowy, 1970
- ✓ *Psychotria deflexa* DC. subsp.
deflexa Det. Steyermark, 1969
- ✓ *Laproderna austriale*
det. L. Rywarden, 80
- ✓ *Cassia weens* Vog.
Det. H.S. Erwin, '69
as *Ficus citrifolia*
det. M. Vazquez Avila, 1983

Mo sheet det by C.C. Berg
as *Ficus citrifolia*

5803 ✓ 2. Palmae 1 m tall; 9 leaves in crown, inf. bracts red, fruit maturing black

5804 ✓ 4 Balanophorae Saprophyte on forest floor; flowers head light brown

5805 ✓ 1 Placodiphyte Epiphyte

5806 ✓✓ 13 Hymenaea Tree 25 m x 30 cm diam;

5807 ✓✓ 12 Mollia Tree 10 m x 10 cm diam

5808 ✓ 7 Vitaceae Vicinity of Abunã - Rondonia Disturbed forest on periodically flooded grounds July 11, 1968
Vine. Fls. red, frs. green.

5809 ✓ 6 Sclerolobium Tree 15 m x 10 cm diam. Frs. green

5810 ✓✓ 2 Hirtella Treelet, 6 m tall. Calyx pale green, corolla white, filaments and style purple

5811 ✓✓ 12 Celastraceae Tree, 12 m x 10 cm diam. Frs. green

5812 ✓ 4 Polygalaceae Vine. Calyx and corolla purple, young fruits green, marg; lined purple at margin

5813 ✓✓ 12 Myrtaceae Shrub, 1 m. tall. Fls. white.

5814 ✓✓ 12 Lauraceae Shrub. Fls. white

5815 ✓✓ 12 Flacourtiaceae Km. 216-219 of Madeira-Mamoré railway, near Abunã. Savanna forest on periodically flooded ground
Shrub, Mature fruits red

5816 ✓✓ 12 Simarouba Tree, 5 m. Buds green

5817 ✓✓ 12 Rubiaceae Treelet 10 m tall Frs. green

✓ Geonoma deversa (Poir.) Kunth
Det. H.E. Howe, 1972

✓ Helosis cayennensis (Sw.) Spreng
var. cayennensis
Det. B. Hansen, 1978

✓ Helosis cayennensis (Sw.) Spreng
Det. G.T.P. 1970

✓ Polybotrya cervina (L.) Kaulf.
Det. J.T. Mickel, 1969

✓ 5806 Hymenaea courbaril L.
Hymenaea paraguayana
Nelson
Det. H.S.I., 69
July 1978

✓ Warszewiczia schwachei Schum.
Det. Stoyenmark, 1969

✓ Apeiba tibourbou Aubl.
Det. M. Silva 1972

✓ Cissus erosa Rich.
det. J. Kallunki 1981

✓ Sclerolobium melanocarpum
Det. H.S.I., '69 Duche ex descr.

✓ Hirtella bicornis Mart. & Zucc.
var. pubescens Duche Det. G.T.P. '60

✓ Groupia glabra Aubl.
Det. A.M.W. Menzies 1972

✓ Securidaca sp.
Det. J.T. Wordeck, '69
Myrcia paivae Berg
red. R. McVaugh 1972

✓ OCOTEA GRACILIS (MEISSN.) MEZ
Det. K. KUBITZKI, 1976

July 10, 1968

✓ Hybanthus speciosus Vahl. var. minor Monachino det. H. Sleumer 1976
Hybanthus speciosus Vahl. (var.)
Det. H. Sleumer, 1970

✓ Simarouba amara Aubl.
Det. S. Hill, 1972

✓ Remija firmula (Mart.) Wedd.
Det. Stoyenmark, 1969

- ✓
5818 4 Melastomaceae Shrub. Calyx. Dimerous, dotted with red. Corolla white, with pinkish out side. Filaments white, anthers yellow and white. Petal white.
- ✓✓
5819 12 Guttiferaceae Tree, 3 m. diam. Frs green.
- ✓✓
5820 15 Melastomaceae Subshrub Petals red.
- ✓✓
5821 8 Ochraceae Scandent. Fls. yellow, young green buds yellowish green.
- ✓
5822 4 Rubiaceae Treelet, 2 m. tall. Calyx green. Corolla white.
- ✓✓
5823 9 Piperaceae Herb. Inflorescences green.
- ✓✓
5824 12 Qualea Tree, 10 m x 10 cm. diam. Corolla white with yellow and orange markings.
- ✓✓
5825 17 Fern. Terminal.
- ✓✓
5826 12 Papilionaceae Vine. Calyx green. Ovary green. White pubescent. Frs green.
- ✓✓
5827 12 Annonaceae Shrub. Fls. white and cream.
- ✓✓
5828 12 Burserae Treelet to 4 m. tall. Calyx yellowish red.
- ✓✓
5829 8 Clusia Treelet, 3 m. tall. Calyx white. Corolla white with pinkish. Frs. red.
- ✓✓
5830 12 Melastomaceae Treelet, 2.5 m. tall. Frs yellow.
- ✓✓
5831 12 Rubiaceae Treelet 2 m. Calyx red. Frs green.
- ✓
5832 2 Euphorbiaceae Vine. Calyx green. Corolla white.

✓ Bellucia acutata Pilger.
Det. J. J. Wurdack, 1969.

✓ Myrmidone macrosperma (Mart.) Mart.

✓ Det. J. J. Wurdack, 1969.

✓ Ouretea sp.

Det. M. Silva 1971.

Ferdinandusa rudgeoides

(Benth.) Wedd. Det. Stojanovich, 1969.

✓ Piper piresii Yun.
det. Guimardes & Callejas 1984.

✓ Piper vimineum L.
det. R. Callejas 1979.

✓ Qualea retusa Spreng.

Warm. Det. M. Silva 1970.

✓ Blechnum serrulatum Rich.

Det. J. T. Mickel, 1970.

✓ Bocagopsis canescens (Sprue) R. E. Fr.

det. P. Maos 1983.

✓ Bocagopsis multiflora (Mand.)

R. E. Fr. Det. J. van Rooden, 1978.

✓ Trattinickia burserae folia

Mart. Det. W. Rodriguez, 1968.

✓ Clusia columbiana Engl.

det. V. Bittrich, 2001.

✓ Miconia holosericea (L.) DC.

Det. J. J. Wurdack, 1969.

✓ Pagamea guianensis Aubl.

Var. guianensis Det. Stojanovich, 1969.

✓ Distictella

Det. I. R. Hunt 1972.

INPA sheet det by
A. Gentry on
Distictella monophylla

5833

✓✓✓

12 Rapateaceae

Climbing in large clumps. Tree branch up to 80 cm tall.

Cephalotemon riedelianum Körn
Det. B. Maguire 1973

5834

✓✓✓

12 Melastomac.

Shrub, 2 m. tall. Calyx green with pink tint and white hairs. Corolla white and violet. Filaments red or green.

Macairea cf. viscosa Ducke
Det. J. Wurdack, 69

5835

✓✓

8 Burmanniaceae

Herb. Fls. cream and green

Savanna and Savanna
Burmanna capitata (J.F. Sm.) Mart.
Det. P. V. M. Maas, 1972
same det. 1977

5836

✓✓✓

12 Gramineae

Caespitose

Panicum stenodes Griseb
Det. T. Soderstrom, 1970

5837

✓✓✓

12 Gramineae

Caespitose. Inflorescence axis purple

same det.

Det. G. Davidse, 1976

Echinolaena sp (inflexa?)

5838

✓✓

8 Annonaceae

Tree, 5 m. Calyx green, corolla exterior cream, interior white

Xylopia multiflora R. E. Fries
det. P. Maas 1990

5839

✓✓✓

12

Herb Fls. green

Forest beside stream

Tonina pluviatilis Aubl.

5840

✓✓

6 Loranthaceae

Parasite, fls. green

Det. W. Rodrigues, 1968
Phoradendron sp. crassifolium (DC.) Eichl
det. J. Kuijt 1980 Kuijt, 1990

5841

✓✓✓

10 Loranthaceae

Parasite fls. reddish brown. Inflorescence axis green

Phoradendron sp. piperoides (Kunth) Trul.
det. J. Kuijt 1980 Kuijt, 1990

5842

✓✓✓

12 Sapindae

Shrub. Perianth cream. Filaments white, anthers yellow. Inflorescence axis cream

Matayba purgans (P. & E.) Radlk.
Det. G. T. P. 1970

5843

✓✓

8 Violaceae

Scandent. Fls. yellow.

Kordia elongata (Benth.) Warb.
det. W. Rodrigues, 1982, 1988Viola cuspidata (Benth.) Warb.
Det. W. A. Rodrigues 1972

5845

✓✓✓

13 Tiliaceae

West bank of Rio Madeira, 6 km above Abunã
Tree 8 m, corolla whiteBolivia
Muddy River bankMuntingia calabura L.
Det. W. Meijer 1972

5846

✓✓✓

13 Papilionaceae

Tree 10 m, calyx red, corolla orange, trunk & branches spinous

Erythrina glauca Willd.
Det. B. A. Kuhoff, 69

5847

✓✓✓

13 Labiales

Herb 50 cm tall; corolla pale violet

Lippia alba (Mill.) N. E. Br.
Det. H. W. Moldenke, 1970Lippia sp.
Det. R. M. Harley 1970

5848

✓✓

6 Rubiac

herb spreading; fls. white

Aethanasia paxtonii (H. B. K.) Ste.
det. H. W. Moldenke, 1970

- 5849 ⁱⁱⁱ 12 Scroph. lamiac prostrate herb; corolla blue
- 5850 ✓ 3 Cyperac in small clumps, stem base bulbous
- 5851 ✓✓ 13 Leguminosae Tree 15 m x 15 cm diam, pods green
- 5852 ✓ 13 Bauhinia Tree 10 m; calyx green, corolla white; filaments white becoming red with age
- 5853 ✓ 4 Fungus Growing on dead palm trunk; light brown colored
- 5854 ✓ 5 Solonac Treelet 3 m; fruit green
- 5855 ✓✓ 13 Rubiac Liana, corolla white
- 5856 ✓ 5 Sapindac Vine, corolla white
- 5857 ✓✓ 13 Cecropia Tree 18 m x 35 cm diam, fl. brown
- 5858 ✓✓ 13 Cochlospermum Tree 20 m x 20 cm diam; calyx tinted red; corolla red; filaments yellow; flowers in leafless condition
- 5859 ✓✓ 13 Eleocharpac Treelet 5 m; calyx with red rim; young fr. green
- 5860 ✓ 2 Violaceae Treelet 7 m; fr. green
- 5861 ✓✓ 15 Hirtella Treelet 3 m; corolla pink; filaments & style purple
- 5862 ✓✓ 13 Anacardiac Herb, fl. green
- 5863 ✓✓ 13 Virola Tree 20 m x 25 cm diam; fr. ferruginous; pubescent
- 5864 ✓✓ 13 Anacardium Tree 20 m x 35 cm diam; corolla red

~~Andernia crustacea (L.) F. von Muell. - Det. D. Philcox 1973~~

✓ *Cyperus perax* L.C. Rich
Det. T. Koyama, 1969

Caesia multiflora L.C. Rich.

Det. H.S. Irwin, 69

✓ *Bauhinia unguiculata* L.
Det. R.P. Wunderlin 1973

✓ *Brunfelsia grandiflora*
Det. R.P. Wunderlin 1973

Uncaria guianensis (Aubl.) Gmel.

✓ Det. Steyermark, 1969

✓ *Paullinia pinnata* L.
Det. J.T.P. 1969

✓ *Cecropia sciadophylla* Mart.

✓ Det. L.C. Berg, 1972
✓ *Cochlospermum orinocense* (H.B.K.) Steud. Det. K. Kubitzki 1972

✓ *Pinacocarpus ulci* (Melchior)
Racke det. Nelking 1982

✓ *Hirtella pilosissima* Mart. & Zucc.
Det. J.T.P. 1968

✓ *Guadalupea ulmi* (L.) A. DC.
Koy. det. Nardent 1974

✓ *Virola calophylla* Mart.
Det. W.A. Rodrigues 73

✓ *Anacardium spruceanum* Benth
Det. J.T.P. 1970

- 5865 ✓✓ 9 Rubiac creeping herb, mature fr ...
- 5866 ✓✓ 13 Tabebuia Tree 15m ^{22cm diam}; corolla purple
- 5867 ✓✓ 13 Melastomace Tree 18m x 20 cm diam ...
- 5868 ✓✓ 10 Vismia Treelet 5 m; young fr ...
- 5869 ✓✓ 13 Cyperac Caespitose
- 5870 ✓✓ 13 Piper Climber, infl erect
- 5871 ✓✓ 13 Rubiac Subshrub to 60 cm tall
- 5872 ✓✓ 13 Cyperac Growing in clumps
- 5873 ✓✓ 13 Laurac Shrub arching over
- 5874 ✓✓ 12 Mabea 0-3 Km ^{west} of Rio Madeira along road Abuna to Rio Branco
Treelet, 3 m. Frs. purple
- 5875 ✓✓ 12 Apocynaceae Vine. Frs. green
- 5876 ✓✓ 12 Acanthaceae Herb to 1m tall. Fls. pink
- 5877 ✓✓ 12 Flacourtiaceae Treelet, 2.1 m tall. Calyx and ...
- 5878 ✓✓ 12 Sapindaceae Vine. Fls. cream
- 5879 ✓✓ 12 Sapindaceae Vine. Fls. white; white inter

- ✓ Geophila gracilis (R. & P.) DC.
Det. Stoyenmark, 1969
- ✓ Tacaranda
Det. D.R. Hunt 1972
- ✓ Miconia poeppigii Triana
Det. T. T. Woods, 1969
Vismia Bemerghii v.d. Berg
det. N. Robson, 2000
- ✓ Hypolytrum strictum Poepp. & Kunth
Det. T. Koyama, 1969
- ✓ Piper kostmannianum (Miq.)
C.D.C. det. R. Calligas 1979
- ✓ Psychotria prunifolia (HBK.) Stoyenmark
Det. Stoyenmark, 1969
- ✓ Diplasia Karataefolia L.C. Re.
Det. T. Koyama, 1969
- ✓ ~~Scutellaria pauciflora (Nees) Nees~~
! J. Rohrer, '89
Det. K. R. ...
G.T.P., E.F., B.L.W., K.P.D., L.F.C.
J.F.R., L.G. det.
- ✓ Mabea angustifolia Spr. ex Benth.
det. G. Webster 1986
- ✓ Mordvillea hirsuta (Rich) R. Schum.
J. F. Nakagawa '69
- ✓ Ruellia sp.
Det. Washburn, 1969
- ✓ R. ...
Det. J. Stoyenmark 1970
- ✓ Serjania saracocarpa (Jacq.) Willd.
det. T. Pennington 1980
- ✓ Serjania sp.
Det. J.T.P. 1969
- ✓ Serjania sp.
Det. J.T.P. 1969

- 5880 12 Amaranthaceae Herb. Fls green.
- 5881 12 Bauhinia Treelet, 2 m. tall. Calyx green, white, pistil green. with red stripes, corolla and f. tomentose
- 5882 12 Bignoniaceae Vine, calyx purple. Corolla white.
- 5883 12 Malpighiac. Vine, Calyx glands and corolla all Frs green. Disturbed forest on t.f.
- 5884 12 Hirtella Treelet, 2 m. Sepals green to red and purple. Details pink, filaments and style white. Hirtella hispidula Stand. Det. J. T. P. 1968
- 5885 6 Cyperaceae Growing in small clumps. Javanese name: *capur* (small) (disturbed forest) July 11, 1968
- 5886 12 Maranthaceae Herb, 20 cm. Fls white
- 5887 12 Gramineae Stems solitary or in small clumps
- 5888 12 Trichilia Treelet, 3 m. tall Frs green, white, pubescent
- 5889 12 Sapotac Tree 8 m Calyx green corolla white
- 5890 12 Ochnaceae Tree 5 m. tall Fls yellow young frs green
- 5891 12 Malpighiac. Vine. Calyx glands green, pale yellow. Fls white with green leaves
- 5892 12 Nyctaginaceae Shrub, 1.5 m. Fls. pale green
- 5893 12 Polygonaceae Shrub, 1 m. Buds green
- 5894 1 Cyperaceae Up to 1.5 m. tall. Common

Bauhinia unguiculata L.
det. R. P. Wunderlin 1972

✓ *A. fragilifolia* (P.B.) Bur.
det. A. B. Clouty, 1975

✓ *Arabidaceae*
Det. D. R. Hunt 1972

✓ *Banisteriopsis wurdachii* Gale
det B. Gale 1979

✓ *Hirtella hispidula* Stand.
Det. J. T. P. 1968

July 11, 1968

✓ *Calyptranthes glomerata* Urb.
det. T. Koyama, 1969

✓ *Monstera* sp. nov.

Det. P. J. M. Maas 1972

✓ *Raddiella nana* (Swell.)
Swallen. Det. H. Saunders '73

✓ *Trichilia micrantha* Benth.
det Pennington 1979
! Fl. Neotrop. 1981

Pouteria cuspidata (A. DC.)
Baehni. ssp. *robusta* (Mart. & Eichl.)
Pennington det. T. Pennington, 1989

✓ *Oreocera* sp.

Det M Silva 1971

✓ *Banisteriopsis nummifera*
(Lam. & Juss) Gale
det B. Gale 1979

Neea ovalifolia Spr. ex. J. A. Schum.
det. L. Y. Th. Webster 1984

✓ *pos.* *Triplaris scandens*
(Vell.) Coc. immature
det R. A. Howard 1976

Scleria sprucei C. B. Clarke
det. T. Koyama 1984

- 5895 3 Piperac East bank of Rio Madeira at Abunã
shrub 1m tall, infl erect
- 5896 12 Convolvulac Vine creeping over large area of river bank, corolla mauve centre
- 5897 12 Melastomac Shrub 80 cm tall, corolla white, anthers yellow
- 5898 12 Compositae Herb 30 cm tall, fls yellow
- 5899 12 Gramineae In small clumps and with large rhizomes
- 5900 12 Leguminosae Tree 8m x 20 cm diam, branches spinous, corolla orange
- 5901 10 Bauhinia Shrub 2m tall
- 5902 12 Ficus Tree 7m x 10 cm diam, white latex
- 5903 12 Papilionoideae Liana; calyx and pedicels dark red, corolla blue to mauve at with white centre
- 5904 12 Papilionoideae Vine, calyx dark purple, corolla mauve
- 5905 12 Tussienia Herb to 40 cm tall, corolla yellow
- 5906 12 Myrtac Treelet 3m, young fr green
- 5907 12 Capparidac Shrub 2m tall, fr orange
- 5908 4 Cyperac Caespitose
- 5909 12 Compositae Growing in water swamps, muddy cliff, fls green

T. Rodon in

July 12, 1968

muddy river bank

5895 - *Pothomorphe*
pellata (L.) Mig. - det.
 E. F. GUIMARAES, 1975

Pothomorphe sp.

Det. M. Silva 1971

Apomaca acarifolia (Desv.) R. & S.
 det. K. Becker 1972

Tibouchina longifolia (Vahl) Baill.
 Det. J. Wurdack, '69

Eragrostis lypnoides (Lam.)
 BSP. - det. S. Oaudet 1973

Erythrina glauca Willd.
 Det. B. A. Kruhoff, '69

Bauhinia conwayi Rusby
 Det. Arroyo 1972
Ficus mathewii (Miq.) Miq.
 det. G. C. Berg 1977

Derris cf. Amazonica det.
Derris sp. MT Arroyo, 1972
 Det. H. S. Lowin 1970

Dioclea glabra Bth.
 Det. R. H. Maxwell, 1969
Ludwigia leptocarpa (Nutt.)
 Hara Det. P. H. Raven, 1971

Eugenia egeria DC
 det. R. M. Vaughan 1972

Swartzia sp.

Bulbostylis sp. (too immature)
 det. T. Koyama, 1978
Gnaphalium polycaulon Pers.
 det. H. Robinson '83

- 5910 ✓✓✓ 12 Bignoniaceae Vine, fr brown fruit separate
- 5911 ✓✓✓ 12 Leguminosae Tree 10m x 15 cm dia, young l. green
- 5912 ✓✓✓ 12 Sphenoclea Herb to 50 cm tall, infl green
- 5913 ✓✓✓ 12 Leguminosae Vine; calyx reddish blue, corolla light blue
- 5914 ✓ 3 Pontederiac Growing in small stream, corolla white, upper lobe with yellow patch
✓ *Pontederia rotundifolia* L.f.
Det. R. M. Lowden, 1971
- 5915 ✓✓✓ 12 Banhinia Shrub 3m tall, corolla white, filaments white becoming red with age
- 5916 ✓✓✓ 12 Rubiac herb with creeping fls, roots look fl white ✓ *Alternanthera tinella* Colla
Det. J. A. Mearns 1980
- 5917 ✓✓✓ 12 Myrtac shrub 2m tall, corolla & filaments white ✓ *Psidium acutangulum* DC.
Det. R. McVaugh 1972
- 5918 ✓✓✓ 12 Gramineae Caespitose herb; leaf & stem base red, fls dark red
- 5919 ✓✓✓ 12 Cyperac Caespitose herb
- 5920 ✓✓✓ 12 Euphorbiac subshrub grow, amongst rocks, fruits green
- 5921 ✓✓✓ 12 Polygonaceae Km. 214-215, Malabar - near Abundant
Vine, corolla white, calyx green
- 5922 ✓✓✓ 12 Cyperaceae Growing in small ditches
Eleocharis minima var. *bicolor* (Chapman) Svenson
Det. J. J. Bruhl, 1990
- 5923 ✓✓✓ 12 Burseraceae Treelet, 4 m. Calyx green tinged purple, corolla purple, fls green
- 5924 ✓✓✓ 12 Apocynaceae Tree, 4 m. x 8 cm diam. Calyx green, corolla white

- ✓ *Cuspidaria lateriflora* (Marx) DC - Det. A. Sentry 1973
- ✓ *Cassia multiflora* L.C. Rich.
Det. H.S. Irwin, '69
✓ *Sphenoclea zeylanica* Baertn.
Det. Spencer Barrett 1974
- ✓ *Calopogonium plumosum* Piper
Det. HSI, '69
- ✓ *Reussia rotundifolia* (L.f.) (Castell.)
Det. G.T.P., 1969
- ✓ *Bauhinia unguiculata* L.
Det. R. W. Underhill 1973
- ✓ *Rapanea tenophylla* (Spreng) Shuck. Det. K. Becker 1973
- ✓ *Psidium acutangulum* D.C.
Det. D. Legendre, 1972
- ✓ *Leptochloa scabra* Nees
Det. S. Dandekar 1973
- ✓ *Cyperus imbricatus* Retz.
Det. T. Koyama, 1978
- Phyllanthus caeslinensis* ssp. *guyanensis* (Kl.) Webster det. G. Webster 1986
- July 13, 1968
- Brethynaea lucida* (L.f.) Benn.
Det. Wurdack, 1969
- ✓ *Eleocharis* sp.
Det. T. Koyama, 1978
- Rattinnichia burserifolia* Mart.
Det. D. Daly 1986
- ✓ *Parahancornia Kruckovii* Mon.
Det. F. Markgraf, '69

5925 ✓ 1 orchid Epiphyte. Frs yellow

5926 ✓ 9 Fern Terrestrial

5927 ✓ 12 Dilleniaceae Vine. Involucres fruits green, ~~red~~ red, seeds purple, white, and (TYPE COLL)

5928 ✓ 12 Rubiaceae Shrub. Corolla tube green, lobes white. Frs. green

5929 ✓ 12 Annonaceae Treelet, 6m. Fls. Cream

5930 ✓ 4 Polygalaceae Vine. Salix green, corolla green, lobes red. Frs. green

5931 ✓ 5 Orchid Epiphyte. Frs. white

5932 ✓ 6 ~~Burmanniaceae~~ Burmanniaceae Herb. Fls. cream.

5933 ✓ 9 Styracaceae Climber Frs. orange

5934 ✓ 12 Lycopodiaceae Terrestrial. Fruiting bodies green.

5935 ✓ 2 Myrsinaceae 10-3 km west of Rio Madeira along road from Abunã to Rio Branco

5936 ✓ 17 Inga Tree, 15 m tall. Frs. green, seeds pale green with white hairs

5937 ✓ 10 Vitaceae Treelet 5m. Salix pale

5938 ✓ 1 Palmaria 1 m tall. Involucres fruits green, red.

5939 ✓ 17 Jacearanda Tree, 20 m tall. Frs. green

✓ *Campylocentrum robustum* Cogn.
Det. Pabst 69

✓ *Lindsaea stricta* (Sw.) Dryander
Det. J. T. Mickel, 1970

✓ *Dolioscarpus dentatus* (Aubl.) Standl.
ssp. *latifolius* Kubitzki ined.
Det. K. Kubitzki, 1970

✓ *Ferdinandusa rudgeoides* (Benth.) Wedd.

Det. Stoyanovich, 1969
Bocageopsis cf. *canescens* (Spruce) Bocageopsis multiflora
Det. J. van Rooden, 1978 R.E. Fr.

✓ *Securidaca prancei* Woodcock

Det. C. J. Woodcock, 1969
✓ *Agave cyanea* (Lam.) Det. G. Pabst, 1970 Reilly

✓ *Dictyostegia orobanchioides* (Hook.) Miers var. *parviflora* (Benth.) Jork
Det. P. J. M. Maas, 1972

✓ *Dictyostegia orobanchioides* (Hook.) Miers. Det. P. J. M. Maas, 1972

✓ *Strychnos guianensis* (Aubl.) Sandw.
Det. Krueff '69

July 12, 1968

Disturbed forest on hill

✓ *Clusia grandis* (Aubl.) Kusch

Det. B. Stahl, 1989

✓ *Myrsine bracteata* (Lam.)

Det. J. P. R. 1982

✓ *Mauritiopsis apiranga* Spruce ex Trimen

Det. T. Morley '69

✓ *Desmoncus cf. leptospadix* Mart.

Det. H. E. Moore, 1972

✓ *Jacaranda copara* (Aubl.) Det. D. R. Hunt 1972

sub. *spectabilis* (C. J. Woodcock) det. A. G. 1983

- 5940 11/12 Apocynaceae Vine. Calyx green. Corolla tube yellow, corolla lobes orange
- 5941 12 Inga Tree, 20 m x 20 cm diam. Buds green
- 5942 12/12 Trichogalia Tree, 15 m x 7 cm diam. Calyx and pistil cream. Frs green
- 5943 12 Cappariaceae Tree, 10 m. tall Fls. and fr. green
- 5944 3 Hymenophyllac Terrestrial
- 5945 3 Fern Terrestrial
- 5946 2 Fern Terrestrial
- 5947 9/12 Cordia nodosa L. Shrub, 2 m Buds green with purple bracts
- 5948 5 Flacourtiace Shrub 2 m Frs yellow
- 5949 1 Annonaceae Shrub. Fls cream
- 5950 12 Rubiaceae Treelet, 5 m. Frs dark green
- 5951 12 Bignoniaceae Vine. Calyx green, corolla orange
- 5952 7 Sapindaceae Vine. Frs green
- 5953 12 Trema Shrub, 2 m. Frs green
- 5954 17 Gramineae stems solitary

- ✓ Odonadenia verrucosa (R. & Sch.)
Det. F. Markgraf, K. Schum
- ✓ Bixa bracteosa Bth.
det J. Guerin 1982
- ✓ Tachigalia rusbyi Harms
Det HSI, 69
- ✓ Capparis schunkei Macbride
Det. H. H. Iltis, 1969
- ✓ Trichomanes pinnatum Hedw.
Det. J. T. Mickel, 1970
- ✓ Adiantum det. A. Schott 1963
- ✓ Ctenitis protensa (A. F. C.) Ching
Det. J. T. Mickel, 1970
- ✓ Cordia nodosa Lam.
det. S. R. Vail, 1972
- ✓ Xylosma cf. tessmannii Sleumer
Det. H. Sleumer, 1970
- ✓ Randia sp.
Det. Stoyenmark, 1969
- Pyrostegia dichotoma Miers
ex K. Schum.
! A. Pool, 2002
Det. D. R. Hunt '72
- Pyrostegia venusta (Ker-Gawl) Miers
Det. A. A. Atchley 1972
- ✓ Bauhinia frangulaefolia
(Schum.) Radlk. - Det. B. T. Prance '72
- ✓ Trema microantha (L.) Bl.
Det. B. T. P. '72
- ✓ Lasiacis ligulata Hitchc.
Chau - Det. B. Dauder 1973

- 5955 12 Piperaceae Shrub to 1.5 m. tall. Frs. green
- 5956 12 Byttneria Vine. Fls. green
- 1957 2 Matisia Treelet. Frs. green
- 5958 3 Passiflora Vine. Calyx and corolla red. Corolla green, styles purple.
- 5959 12 Melastomaceae Subshrub. Calyx green, corolla white.
- 5960 9 Clusia Treelet 5 m tall. Calyx white, corolla purple.
- 5961 2 Desmodium Shrub. Calyx green, corolla yellow with red stripes. Frs. green.
- 5962 5 Papilionaceae Vine. Calyx green, corolla white.
- 5963 1 Ficus Treelet.
- 5964 6 Polygalaceae Vine. Calyx purple, corolla white.
- 5965 12 Clusia Treelet. Sepals greenish white, Petals white.
- 5966 12 Convolvulaceae Vine. Frs. brown. White flowers.
- 5967 12 Tapirira Tree, 4 m. Fls. and buds green.
- 5968 12 Ericaceae Ground. Small shrubs.
- 5969 12 Melastomaceae Shrub. Perianth green with red veins. Filaments white, anthers blue and white.

- ✓ *Piper hostmannianum* (Wieg.) C. DC. det. R. Calypso 1979
- ✓ *Byttneria benensis* Britton Det. C. L. Cristóbal, 1970
- ✓ *Quararibea ochrocalyx* (K. Schum.) Vischer-D. & R. Raluyne 1975 Det. M. Freitas 1971
- ✓ *Passiflora coarctata* L. det. J. de Costa 1902
- ✓ *Tibouchina longifolia* (Vahl) Det. J. T. Wurdack 1969
- ✓ *Clusia columnaris* Engelm. det. V. Bittich, 2001
- ✓ *Deschynomene pratensis* Var. Det. V. Rudd 1972
- ✓ *Abrus precatorius* L. Det. H. S. Irwin, 1969
- ✓ *Blechnum serculatum* Rich Det. M. Silva 1971
- ✓ *Securidaca rivinaefolia* St. H. & M. var. *parvifolia* Benn. Det. J. T. Wurdack 1969
- ✓ *Clusia candelabrum* Planch. & Triana det. V. Bittich, 2001
- ✓ *Tapirira guianensis* Aubl. Det. J. T. P. 1970
- ✓ *Sacciolepis Karsteniana* Mez Det. H. S. Irwin, 1973
- ✓ *Siphonanthia foliosa* (Ward.) Wurdack Det. J. T. Wurdack 1969

- 5970 11 9 Menispermaceae Vine Frs. orange
- 5971 ✓ 4 Rubiaceae Shrub. Buds yellow, green tipped
- 5972 ✓ 12 Annonaceae Tree, 10m. Calyx green, corolla cream.
- 5973 ✓ 4 Gramineae Stems solitary
- 5974 ✓ 6 Asclepiadaceae Vine Frs. greenish yellow, white latex
- 5975 ✓ 12 Heliconiaceae Treelet, 3 m. tall. Calyx green, Km 220-223 of Madeira-Mamoré railroad, near Abunã. Secondary forest on t.f. young fruits green or red.
- 5976 ✓ 12 Compositae Vine. Fls. yellow or white
- 5977 ✓ 3 Gentianeaceae Shrubs. Calyx and young frs. green, corolla yellowish green
- 5978 ✓ 12 Diospyros Treelet, 4 m. tall. Frs. green
- 5979 ✓ 12 Mimosaceae Treelet. Young frs. green
- 5980 ✓ 4 sets Palmaceae 2 m. tall Frs. green, inflorescence branches orange & leaves in crown
- 5981 ✓ 8 sets Palmaceae 4 m. tall. 8 leaves in crown. Immature frs. green, maturing black. Inflorescence cream, stigmas red.
- 5982 ✓ 12 Cucurbitaceae Vine Frs. orange
- 5982A ✓ Fungus Growing on dead log
- 5983 ✓ 12 Melastomaceae Shrub. Calyx green, corolla light purple, filaments purple, anthers green
- 5983A ✓ 2 Melastomaceae
- 5984 ✓ 12 Annonaceae Shrub. Fls. green

- ✓ Anonospermum schomburgkii Miess
Det. B. A. Kruijff, '69
- ✓ Potalia amara Aubl.
Det. J. T. P. 1970
- ✓ Olyra latifolia L.
det. P. Oakes 1973
- ✓ Blepharodon sp. fr. tiny spec. not further identifiable. Det. D. Spellman 1972
- ✓ Blepharodon nitidum (Vell.) Macbr. B. Macbr. July 19, 1968
- ✓ Henriettea cf. stellaris Berger ex Det. J. J. Wurdack, '69
- ✓ Mikania guaco H. B. K.
det. M. G. Silveira 1980
- ✓ I. l. b. alata (Aubl.) Maas
det. P. J. M. Maas, 1983
- ✓ Chelonanthus sp.
Det. S. Nilsson, 1970
- ✓ DIOSPYROS ARTANTHIFOLIA MART.
DET. P. B. CAVALCANTE, 1976.
Same det. by F. White, 1977
- ✓ Mouriri apiranga Spruce ex Triana
Det. T. Morley '69
- ✓ GEONOMA sp. aff. G. maxima
Det. H. E. Moore 1972
- ✓ Bactris sp.
Det. H. E. Moore 1972
- ✓ Cayaponia tapuya (Vell.) Cogn.
Det. C. Jeffrey 1971
- ✓ Trametes cupress-rosea
Det. L. Ryvarden, 1980
- ✓ Macairea cf. viscosa Drake
Chidemia novemnerua (DC.) Triana
Det. J. J. Wurdack, '69
- ✓ GUATELLA MAYPURENSIS KUNTH
DET. P. J. M. MAAS, 2000
- Capacira

- 5985 ✓ 12 Leguminosae Herb. Fls. green with brown hairs
- 5986 ✓ 6 Cyperaceae To 1.5 m tall. Fls. green
- 5987 ✓ 4 Palicourea Shrub. Frs. ^{dark} green. Inflorescence branches red
- 5988 ✓ 9 Desmodium Herb. Calyx green with brown hairs, frs. green ! B.G. SCHUBERT, 2002
- 5989 ✓ 12 Ochraceae Tree, 8 m tall. Buds green
- 5990 ✓ 8 Vireo Tree, 6 m. Buds brown
- 5991 ✓ 12 Melastomaceae Shrub, 4 m tall. Calyx green, corolla white, stamens orange or yellow, frs. green
No sheet det by Wurdack
Bellucia brasiliensis
- 5992 ✓ 12 Melastomaceae Treelet, 5 m. Calyx green white tipped. Corolla white, frs. green.
- 5993 ✓ 12 Malpighiaceae Vine. Calyx glands green, corolla and filaments yellow, anthers cream
- 5994 ✓ 4 Quillaceae Shrub. Calyx green, corolla white.
- 5995 ✓ 5 Dioscorea Vine. Fls. green, anthers yellow
- 5996 ✓ 12 Gentianaceae Herb, 60 cm tall Calyx and young frs. green, corolla white.
- 5997 ✓ 12 Vismia Treelet to 3 m. Calyx ^{and young frs.} green, corolla pale green with white hairs on the inside.
- 5998 ✓ 5 Annonaceae Treelet, 4 m. Fruits green
- 5999 ✓ 12 Myrsaceae Treelet, 4 m. Calyx pink, petals and pistil white, stamens yellow, inflorescence branches red

- ✓ Calopogonium mucunoides Desr.
Det HSI, 69
- ✓ Hypolytrum pulchrum (Rudge)
H. Pfeiffer Det T. Kojima 1969
- ✓ Palicourea grandiflora (HBK) Standl.
Det. Steyermark, 1969
- Desmodium barbatum (L.) Benth.
Det. J. Grimes, 1989
- ✓ Ourea sp.
Det MS. 1/4 1971
- ✓ Vireo elongata (Benth) Warburg
det W. Rodrigues, 1980
- ✓ Viola cuspidata (Benth.) Worb.
Det. J. T. P. 1969
- Miconia sp.
Det JJ Wurdack, '69
- ✓ Bellucia acutata Pilger
Det A. T. Wurdack, 1969
- ✓ Scaptomyia mucronata Cav.
det WR Anderson, 1977
- ✓ Lacunaria macrostachya (Tul.)
A.C. Sm Det J.M. Pires 1971
- ✓ Coutoubea spicata Aubl.
Det. S. Nilsson, 1970
- Vismia tenuinervis (V.d. Berg) N. Robson
det. N. Robson, 2001
- GUATTERIA MAYPURENSIS KUNTH
DET. P.J.M. MAAS, 2000
- ✓ Myrcia fallax (Rich.) DC.
Det E. McVaugh 1972

- 6000 12 Licania Tree, 7 m x 10 cm diam Perianth pale green, young fruit green, brown pubescent.
- 6001 12 Myrsinaceae Tree, 8 m. Frs. green
- 6002 12 Rubiaceae Treelet, 2 m. Frs. green
- 6003 12 Ebenaceae Tree, 7 m x 5 cm diam. Fls. blue Tree without leaves
- 6004 12 Leguminosae Tree, 7 m. Frs. green, brown pubescent
- 6005 12 Verbenaceae Shrub, to 4 m tall. Calyx green, corolla blue
- 6006 12 Sapindaceae Shrub, 2 m. Fls. cream and white.
- 6007 12 Copaifera Tree, 20 m tall. Frs. orange, seeds black
West bank of Rio Madeira 2 km south of Junction with Rio Abunã - forest on t.f.
- 6008 14 Hirtella Treelet 3 m, corolla white, filaments purple with white base
- 6009 6 Rubiac Herb to 15 cm tall corolla blue
- 6010 12 Bauhinia Serra dos Murales, 14 km NNW of junction of Rios Abunã & Madeira
Shrub 1.5 m tall, fls. brown - dry forest on top of hill
- 6011 3 Orchidaceae Growing on a rock outcrop, fls. reddish-brown
- 6012 12 Pteridophyte Growing on a rock in forest
- 6013 12 Physocarpus scaberrima Tree 12 m x 20 cm diam, calyx dark reddish purple, corolla reddish purple
6014 13 Leguminosae Shrub 3 m.
6015 12 Leguminosae Liana, pods red

- Licania sclerophylla (Mart. ex Hook. f.) Fritsch Det. J.T.P., 1968
- Cybianthus sp. (sect. Weigottia) Det. G. Agostini, 1971
- Cybianthus guyanensis (A. DC.) Mig. det. J. P. P. 1980 in Madras
- Alibertia edulis (L. Rich.) A. Rich. sensu lato Det. Steyermark, 1969
- Jacaranda Det. D.R. Hunt, 1972
- Stryphnodendron sp. det. E. Forero, 1970
- Stryphnodendron Forero, Martins det. E.H.O. Martins, 1988
- Vitex triflora Vahl. Det. H.N. Moldenke, 1969
- Matayba purgans (P. & E.) Radlk. Det. J.T.P., 1970
- Deschynomene flava (Bucke) Radlk. July 15, 1968 Det. Budd 1972
- Hirtella guianensis Spruce ex Hook. f. Det. J.T.P., 1965
- Ruellia yurumaguensis Lindau Det. Wasshausen 69
- Bauhinia rufa (Bong.) Steud. July 13, 1968 det. J. G. J. 1981
- Epidendrum paniculatum Det. G. Pabst, 1970 R. et P.
- Asplenium serratum L. Det. J.T. Mickel, 1970 July 14, 1968
- Physocalymma scaberrima Pohl Det. A. Lortie, 1969
- Cassia lucida Vogel Det. H. S. Gentry, 1970

- 6016 ✓✓✓ 12 Eleocharis Caespitose rock outcrop at summit
- 6017 ✓✓✓ 12 Eriocaulac herb to 7 cm tall
- 6018 ✓ 3 Leguminosae Fleshy herb; corolla pale mauve
- 6019 ✓✓✓ 12 Orchidac Growing on rocks
- 6020 ✓ 4 Bromeliac " " bracts red
- 6021 ✓ 4 " " " fl. green, leaves glaucous
- 6022 ✓ 5 Orchidac " " fl. green
- 6023 ✓ 6 Lichen Growing on rocks
- 6024 ✓ 6 (Moss)
- 6025 ✓ 3 (Lichen) Growing on tree branches
- 6026 ✓✓✓ 12 Orchidac Growing on rocks, corolla green, lower lobe white with lined red markings
- 6027 ✓ 7 Leguminosae Subshrub, pods brown
- 6028 ✓ 4 Aracae Growing on rocks
- 6029 ✓✓✓ 12 Polygalaceae Vine, fl. white
- 6030 ✓✓✓ 12 Apocynac Tree 10 m x 10 cm diam, fl. white
- 6031 ✓ 3 Bignoniac Shrub 2 m, corolla blue

- ✓ Eleocharis sp.
det. T. Koyama, 1978
- ✓ Paepalanthus polytrichoides var. glaber Moldenke
Det. Moldenke, 1969
- ✓ Phoradendron pedunculatis HBK.
det. M.T. Arroyo 1972
- ✓ Encyclia sp. 'no glomerata'
Det. S. Pabst 1970
- ✓ Ananas ananassoides (Baker) Lb. Smith
Det. Lb. Smith, 1969
- ✓ Pitcairnia sp.
Det. L.B. Smith 1983
- ✓ Cyrtopodium sp. punctatum
Det. S. Pabst 1970
- Cladonia subradiata (Vainio) Sandst.
Det. T. Ahti 1984
- ✓ Octoblepharum albidum Hedw.
Det. G.L. Smith, 1970
- ✓ Parmotrema zollingeri (Happ) Holb.
Det. R. Harris 1981
- ✓ Encyclia tarumana Schltr.
Det. S. Pabst 1970
- ✓ Cassia flexuosa L.
Det. H.S. Irwin, 69
- ✓ Philodendron diflexum Poepp. det T. Croat 1985
- ✓ Bredemeyeria floribunda Willd.
Det. J. J. Wurdack, 69
- ✓ Aspidosperma macrocarpon Mart.
Det. F. Man. Koenig 69
- ✓ Vitex triflora Vahl. (Verbenaceae)
Det. D. R. Hunt 1972

- 6032 12 *Bignoniaceae* Trail from west bank of Rio Malena 2 km below mouth of Rio Abunã, Liana; calyx maroonish, fls orange
- 6033 12 *Violaceae* Treelet 2m
- 6034 12 *Oleaceae* Tree 15 m x 15 cm diam; calyx becoming red as fruits mature
- 6035 12 *Melastomaceae* Tree 8 m x 7 cm diam; corolla white
- 6036 12 *Bombacaceae* Tree 6 m, fls & cuple green
- 6037 12 *Leguminosae* Tree 15 m, young fls green
- 6038 12 *Myrtaceae* Treelet 7 m x 7 cm diam
- 6039 6 *Acanthaceae* Herb to 30 cm tall, corolla purple with white markings
- 6040 8 *Anacardiaceae* Treelet 5 m, fls maturing red
- 6041 12 *Melastomaceae* Treelet 6 m, fls yellow maturing black
- 6042 4 *Euphorbiaceae* Treelet 2 m, erect completely unbranched with terminal inflorescence and no leaves, infl bracts reddish, maturing red
- 6043 12 *Polygonaceae* Liana, fls yellow brown
- 6044 12 *Neraceae* Treelet 2.5 m, fls green
MOLUS. H
- 6045 7 *Acanthaceae* Vine, bracts red
- 6046 4 *Loganiaceae* Treelet 1 m tall, corolla & lobes green, lobes yellow

Rondonia

July 15, 1968

Arrabidaea
Det. D.R. Hunt 1972

Rinorea sp

Det M Silva 1974

Heisteria spruceana Engl.
Det. H. Sleumer, 1971Miconia chrysophylla (Rich.) Urb.
Det. J. Wurdack, 1969Sclerolobium setiferum
Ducke. Det M F Silva '69

Sclerolobium sp

Det H S L, '69

Plinia
Det R. McVaugh, 1972Justicia cf. G. Homalodes Lindau
Det Wasshausen '69Anaxagorea brevipes Benth.
Det. 1983 P. Maas

Miconia ampl. Triana

Det J J Wurdack, '69

Urera vs. variegata (L.)
Weddell Det CC Bug 1978

Justicia scariosa (Vell.)

Columbi (cr.) det R. Wurdack 1978

Neea sp.

Det. L. Y. Th. Westra 1984

Aphelandra nervosa T. Anders
Det Wasshausen, '69

Ixora sp.

Det. Stoyanmark, 1969, 1977

- Pranceacanthus coccineus* Wassh.
 det. D. Wasshausen, 1997
Clidemia juruensis (Pilger) Gleason
 Det. J.J. Wurdack, '69
Azadirachta indica Lam.
 det. G. Gussone, 1962
Anaxagoraea

Sclerolobium paniculatum Vog.
 Det. HSI, '69
Bythneria sp.
 Det. H. Steumer, 1970
 July 16, 1967
Derris amazonica
 Det. HSI, 1969
GUATTERIA LASIOCALYX R.E. Fr.
 Det. P.J.M. Maas, 2002

Paullinia caloptera Radlk.
 Det. G.T.P. 1969
Monopsis quatteroides
 (A.P.C.) R.E. Fr.
 det. P. Maas, 1990
Melica paniculata Spr. ex Benth.
 det. G. Webster 1986

Davilla Kunthii St. H.
 Det. K.K. Litzke, 1970
 det. G. Webster 1986

Aracantha pendula Mgf
 n. sp. Det. F. H. R. K. Gussone

- 6062 13 Rubiac. Herb to 40 cm tall; corolla white on sandy river bank
- 6063 13 Myrtac. Shrub overhanging river, fls. white
- 6064 13 Myrtac. Shrub overhanging river, fls. white
- 6065 12 Pontederiac. Aquatic herb. Between Abunã and Rio Madeira, Rondônia. July 11, 1968. Disturbed forest on periodically flooded grounds. Solms-Laub. Det. J. T. Mickel, 1972.
- 6066 12 Hippocrateaceae Tree, 6 m. Fls. red, frs. orange, seeds dark brown with light brown aril. Cheiloclinium cognatum (Miers) A.C. Sm. det. J. P. Hedin, 1999
- 6067 12 Myristicaceae Tree, 12 m x 10 cm diam. Calyx yellow, frs. green, resin yellowish green. Iryanthera longiflora Ducke Det. W. R. Rodrigues 1972
- 6068 12 Solanaceae Tree, 10 m x 5 cm diam. Young frs. pale green. Siparuna sp. det. J. P. Hedin, 1999
- 6069 12 Tern. Terrestrial. Adiantum terminatum Kunze det. J. T. Mickel, 1980
- 6070 12 Polypodiaceae Epiphyte. Polypodium (Microgramma) megalophyllum Desv. Det. J. T. Mickel, 1972
- 6071 6 Rubiaceae Herb frs. red. Geophila repens (L.) I. M. Johnston Det. Steyermark, 1969
- 6072 10 Inga Treelet, 3 m. Calyx green, corolla pink, filaments white, anthers cream. Inga psittacus Desv. Det. J. P. Hedin, 1994
- 6073 5 Hippocrateaceae Vine. Calyx green, corolla green with pink margin. Salacia impressifolia A.C. Smith Det. J. Hedin, 1994
- 6074 5 Apocynaceae Vine. Calyx green, corolla bright red. Swamp area. Odontadenia verrucosa R. & P. Sch. Det. F. Markgraf, '69
- 6075 12 Lycopodiaceae To 1 m tall. Fruiting bodies pale green. Lycopodium complanatum L. Det. J. T. Mickel, 1970
- 6076 12 Lycopodiaceae Herb. Calyx green, corolla bluish white. Marjoca fluviatilis Aubl. Det. F. Markgraf, 1971

- Diodia hyssopifolia (Willd.) Cham. B. Schlecht. var. linearis (Willd. ex R. & S.) Steyermark. Det. Steyermark '69
- Psidium acutangulum DC. Det. R. McVaugh 1972
- Psidium leptocladum Bg. ed. Ps. striatum det. L. Legendre, 1972
- Psidium densicomum D.C. Det. W. Legendre, 1972. July 11, 1968
- Reussia lagoensis (Warm.) Solms-Laub. Det. J. T. Mickel, 1972
- Cheiloclinium cognatum (Miers) A.C. Sm. det. J. P. Hedin, 1999
- Iryanthera longiflora Ducke Det. W. R. Rodrigues 1972
- Siparuna sp. det. J. P. Hedin, 1999
- Adiantum terminatum Kunze det. J. T. Mickel, 1980
- Polypodium (Microgramma) megalophyllum Desv. Det. J. T. Mickel, 1972
- Geophila repens (L.) I. M. Johnston Det. Steyermark, 1969
- Inga psittacus Desv. Det. J. P. Hedin, 1994
- Salacia impressifolia A.C. Smith Det. J. Hedin, 1994
- Odontadenia verrucosa R. & P. Sch. Det. F. Markgraf, '69
- Lycopodium complanatum L. Det. J. T. Mickel, 1970
- Marjoca fluviatilis Aubl. Det. F. Markgraf, 1971

6077	✓	Rubiaceae	Herb. Frs blue
6078	✓	fern	Terrestrial
6079	✓	Lauraceae	Treelet 5 m. tall. Fls. red
6080	✓	Melastomaceae	Shrub. Frs blue
6081	✓	Melastomaceae	Tree. 25 m x 30 cm diam.
6082	✓	Myristicaceae	Tree, 8 m. Fls green
✓ 6083	✓	Laurac	Tree, 10 m. Calyx green, corolla yellow or greenish yellow
6084	✓	fern	Epiphytic
6085	✓	Benhamia	Herb Fls. white
6086	✓	Rapilionoidae	Vine. Calyx green, corolla blue
6087	✓	Virola	South bank of Rio Abunã 8 km above mouth Treelet 5 m, fls green
6088	✓	toromita	Treelet 4 m, fls white
6089	✓	Hirtella racemosa Lam.	Treelet 3m, corolla pale purple with white base
6090	✓	Solanac	Treelet 3m, buds green
6091	✓	Combretac	

Primary forest on periodically flooded grounds

O. y. cerulea (Nees) Mez, p. l.
det. J. Rohrer 1986

leaves, frs green

yellow or greenish yellow

leaves, frs green

Lonchocarpus negensis Benth.
det. H.H. Poppoendieck, 1991

above mouth

(1 hr 30 min) Bolivia

forest on high river bank

✓ *Yuligata* (Bl.) Wats. det. J. Rohrer 1985

filaments purple with white

✓	<i>Psychotria variegata</i> Steyermark.
✓	Det. Steyermark, 1969
✓	<i>Mataxya rostrata</i> (H.B. Willd.) Presl
✓	Det. J. T. Mickel, 1970
✓	<i>Ocotea pauciflora</i> (Nees) Mez det. J. Rohrer 1985
✓	<i>Clidemia juvensis</i> (Pilger) Gleason
✓	Det J. T. Wurdack, 59
✓	<i>Heisteria</i> ... Det. J. T. Wurdack, 59
✓	<i>Iryanthera laevis</i> Magf.
✓	Det. W. A. Rodrigues 1972
✓	<i>Lesia glycyarpa</i> R. & P.
✓	Det. J. Kallunki, 1989
✓	<i>Asplenium planum</i> Baker
✓	Det. J. T. Mickel, 1970
✓	<i>Utricularia flaccida</i> Willd. Det. J. T. Wurdack, 1959
✓	<i>Derris americana</i> Killip
✓	<i>Devosia</i> sp. det. MT. Ariz. 1972
✓	Det H. S. Irwin 1970
✓	July 16, 1965
✓	<i>Virola cuspidata</i> (Benth.) Worb.
✓	Det W. A. Rodrigues 1972
✓	<i>Hirtella racemosa</i> Lam. var. <i>racemosa</i>
✓	Det. J. T. P. 1966
✓	<i>Dalacia</i> sp.
✓	Det. H. O. ...
✓	<i>Combretum</i> ...

- 6092 ^{III} 13 *Liriosma* Tree 8m, fls green
- 6093 ^{III} 13 *Tachigalia* Tree 7m; corolla yellow
- 6094 ^{III} 13 *Mimosoidae* Tree 10m x 15 cm diam, corolla pink, filaments white
- 6095 ^{III} 10 *Pteridophyte* Terrestrial with creeping rhizome
- 6096 ^{II} 7 *Rubiace* Shrub 2m; young fr green
- 6097 ^{III} 13 *Pteridophyte* Terrestrial with creeping rhizome
- 6098 ^I 6 *Leguminosae* Liana, corolla orange to red
- 6099 ^{III} 13 *Leguminosae* Tree 30m x 80 cm diam; young fr green
- 6100 ^{III} 13 *Mimosoidae* Shrub 3m; corolla with reddish lobes; filaments purple with white bases
- 6101 ^{II} 7 *Bigoniace* Liana; corolla yellow
- 6102 ^{III} 13 *Myrtace* Tree 6m; young fr green
- 6103 ^{III} 13 *Leguminosae* Liana, fr green, tinted red
- 6104 ^{III} 13 *Moraceae* Strangling tree, fr green, latex white
- 6105 ^{III} 13 *Oleaceae* Tree 20m x 30 cm diam; calyx red in fruiting stage
- 6106 ^I 3 *Leguminosae* Liana

✓ *Aptandra tubicaria* (Poepp)
Berthel Miers det H. Sleumer 1970

Aptandra spruceana Miers ex descr.
Det H. Sleumer 1970

✓ *Tachigalia* sp.
Det HSI, '69

✓ *Pithecollobium japonica* (Willd.) Urb.
Det HSI, '69

Adiantum

det. h. Atchley 1983

✓ *Rudgea cornifolia* (H.B.) Standl.
Det. Stoyermark, 1969

✓ *Adiantum glaucescens* Kl.
det J. Nickel + L. Atchley

✓ *Cassia sclabrata* Ducke
Det. H.S. Erwin, '69

✓ *Dialium guianense* (Aubl.) Sander
Det HSI, '69

✓ *Pithecollobium glomeratum* Bth
Det HSI, '69

INPA sheet det by
A. Bentley as
Memora eractii

Memora

Det D.R. Hunt 1972

✓ *Memora pr. schomburgkii* (DC) Miers
Det. A.A. Atchley 1972

✓ *Eugenia anastomosans* DC.
Det R. McVaugh 1972

✓ *Acacia altiscandens* Ducke
Det HSI, '69

✓ *Ficus vs. rufa* Schott in Spreng.
Det. CC Berg, 1970

✓ *Heisteria flexuosa* Engl
Det. H. Sleumer, 1970

✓ *Campsiandra angustifolia* Spreng
Det H.S.I., '69

- West bank of Rio Madeira, north of Aburá, Bolivia
July 17, 1968
- 6107 13 Compositae Herb 10-30 cm tall green, dry on bank
- 6108 13 Myrtac Tree 8m x 8 cm diam Forest on t.b.
- 6109 13 ~~Tiliac~~ Lindackeria sp Tree 15m x 20 cm diam fl green
- 6110 13 Loranthae Parasite on Myrtac 6108 young fl orange
- 6111 13 Cassia Tree 10m x 40 cm diam overhanging river, corolla yellow
- 6112 3 Pteridophyte Epiphyte on tree trunk with fronds hanging down
- 6113 13 Piper Shrub 1.5 m tall, inf erect
- 6114 13 Boraginaceae Tree 20m x 40 cm diam, corolla white fl scarlet
- 6115 13 Tiliac Tree 15m x 20 cm diam fl pink
- 6116 13 ~~Solanaceae~~ ^{Ebenaceae} Tree 15m x 15 cm diam fl green
- 6117 12 Sapotaceae Tree 8m, fl green
- 6118 4 Aristolochia Vine climbing over trees vegetation
- 6119 13 Heliotropium Herb to 20 cm tall, corolla white
- 6120 4 Scrophulariaceae prostrate herb, corolla blue
- 6121 13 Gramineae growing in small clumps

- July 17, 1968
- ✓ *Egletes viscosa* (L.) Less.
det. H. Robinson '63
- ✓ *Eugenia patens* Poir (prob)
det. R. M. Vaughn 1972
- ✓ *Guazuma ulmifolia* Lam
det. W. Meijer 1972
- ✓ *Phoradendron* sp. *piparioides* (Kunth) Tr. & Schumacher
det. J. Kuijt 1980 Kuijt, 1990
- ✓ *Cassia multijunga* L. C. Rich.
Det. H. S. Grawin, 64
- ✓ *Vittaria lineata* (L.) J. E. Sm.
Det. J. T. Howell, 1971
- ✓ *Piper hispidum* Sw.
Det. E. F. Guimaraes, 1975
- ✓ *Cardia alliadora* (R. & P.) Oken
det. G. Oosthuizen, 1970
- ✓ *Guazuma crinita* Max.
det. W. Meijer, 1972
- ✓ *Matyba perobiculata* Radlk
det. J. Kallunki 1975
- ✓ *Matyba steinbachii* Melchior
Det. J. T. P. 1969
- ✓ *Heliotropium procumbens* Miller
Det. J. T. P. 1969
- ✓ *Lindernia crustacea* (L.) F. Z. C. Muel.
det. D. Philcox, 1973
- ✓ *Eragrostis glauca* (Walt.)
det. H. R. Lacey - det. P. D. Davies 73

6122 ✓✓✓ 13 Meliac shrub 3m tall with scarlet sprawl

6123 ✓✓✓ 10 Cappardac shrub 1.5m, corolla white

6124 ✓✓✓ 13 Combretum liana, fruit with maroon wings

6125 ✓✓✓ 13 Gramineae prostrate fronds, large clumps

6126 ✓✓✓ 12 Sapindac Rio Madeira 6 km below Abunã, Brasil
liana; fls white, old stems spinous

6127 ✓✓✓ 13 Lauraceae South bank of Rio Abunã, between Cachoeira Tres S & Fortaleza, Bolivia
Tree 5m; fls white

6128 ✓✓✓ 13 Viola Treelet 4m; fls brown

6129 ✓✓✓ 13 Leguminosae shrub 3m tall, buds pink

6130 ✓✓✓ 13 Licania octandra Tree 15m x 20 cm dbh; young fr green

6131 ✓✓✓ 2 Rubiac subsp. pallida (Benth.) Prance
Treelet 50 cm tall; tube green, lobes yellow

6132 ✓✓✓ 5 Annonac Tree 4m; buds brown

6133 ✓✓✓ 8 Mimosoidae Treelet 3m; corolla white

6134 ✓✓✓ 12 Rubiac shrub 3m

6135 ✓✓✓ 5 Meliac Treelet 3m, mature fr dark reddish

6136 ✓✓✓ 6 Melastomac Subshrub 1.5m tall; corolla white

✓ *Trichilia quadrifuga* Kunth in H.B.K. ^{in H.B.K. spp. quadrifuga.}
subsp. quadrifuga
det. T. Pennington 1981
✓ *Trichilia quadrifuga* Kunth
det. T.D. Pennington 1971

✓ *Capparis macrophylla* H.B.K.
Det. H.H. Iltis, 1969

✓ *Combretum fruticosum* (L.) Stuntz
Det. C. Stace, 1970

✓ *Eragrostis hypnoides* (Lam.) BSP
Det. A. Davidson 1973

✓ *Serjania ceracasana* (Jacq.) Wild.
Jul 17, 1968
det. T. Pennington 1980

✓ *Serjania* sp.
Det. G.T.P. 1969
July 18, 1968

✓ *Nectandra* sp. ^{*N. globosa* (Aubl.) Mey. & A.L.}
det. J. Rohwer 1985
^{*N. aff. amazonum* Nees det. J. Rohwer 1986}
det. Rohwer 1987

✓ *Viola elongata* (Benth.) Wats.
det. J. J. James 1982

✓ *Viola cuspidata* (Benth.) Wats.
Det. W.A. Rodrigues 1972

✓ *Inga aff. lateriflora* HBK.
det. J. Grimes 1982

✓ *Licania octandra* (Hollubb ex R. & S.) Kuntze
subsp. pallida (Hook. f.) Prance

✓ *Stora* sp. det. J. Steyermark 1969

✓ *Duguetia riparia* Huber
det. P. Maas, 1998

✓ *Inga aff. cuspidata* Benth.
det. J. J. James 1982

✓ *Psychotria aff. undulata* Benth.
Det. Steyermark, 1969

✓ *Guarea pubescens* (Rich.) A. Juss.
subsp. pubescens (A.) Juss.
det. Pennington 1979

✓ *Clidemia novemnervia* (DC.) Triana
det. J. J. Wurdack, '69

Fl. Neotrop.
1981

- 6137 ✓✓ 10 Solanac Vine, stems spinous, outer with purple pubescence, interior white, mature fr orange
- 6138 ✓✓ 13 Copaiifera Tree 18 m x 30 cm diam; fr bright red
NY, US, K, MO, S, BO, VEN, A, MEXU
- 6139 ✓✓ 8 Laurac Treelet 3 m; fls cream, inf branches & pedicels red
- 6140 ✓✓ 13 Virola Tree 8 m x 6 cm diam; fls greenish yellow
- 6141 ✓✓ 13 Diospyros Tree 25 m x 45 cm diam; bark smooth unbranched; corolla cream
✓ 6141. DIOSPYROS PRAETERMISCA SANW. DET. P.B. CAVALCANTE, 1973.
- 6142 ✓✓ 13 Hippocrateac Liana
- 6143 ✓✓ 11 Tiliac Tree 15 m x 15 cm diam; fruit brown
- 6144 ✓ 6 Rubiac Herb 15 cm tall; corolla white, lower lobe with red purple
- 6145 ✓ 4 Pteridophyte Epiphyte
Ruellia? nitida (Nees) Wassh. + J.R. Woods
det J.R. Woods, 2000
✓ POLYPODIUM BOMBYCINUM MAXON
DET. J.T. MICHEL, 1975
- 6146 ✓ 2 Orchidac Epiphyte, fr green
- 6147 ✓✓ 13 Orchidac Epiphyte, fr green
- 6148 ✓ 2 Orchidac Epiphyte; corolla dark purple red
- 6149 ✓✓ 13 Meliac Shrub 3 m tall; calyx red, corolla tube cream
- 6150 ✓✓ 13 Piper Shrub to 50 cm tall; infl erect
Guarea pubescens (Rich) A. Juss.
subsp. pubiflora (A. Juss.) Pennington
det Pennington 1980
Piper ottonioides Yun.
det R. Callejas 1984
- 6151 ✓✓ 13 Siparunac Treelet 4 m; fls green
- 6152 ✓✓ 13 Cyperac Creeping herb growing beside small stream
- Solanum sect. Micracantha
det M. Nees, 1972
- Cyathura multijuga Hayne
det. 1972
- Ostea pauciflora (Nees) Mez
Det. K. Kubitzki 1974
J. Rohrer 1985
- Virola theiodora (Benth.) Warb.
Det. W.A. Rodrigues 1972
- Diospyros aff. poeppigiana
A.C. Sm. - det P.B. Cavalcante '73
Same det. by F. White, 1977
- Salacia impressifolia (Miers)
A.C. Sm. det. J.P. Hedin, 1999
- Triumfetta altheoides Lam.
det M. Silva, 1972
- Ruellia
- Polypodium apogonifolium
det J.T. Michel, 1970
- Epidendrum strobiliferum Rehb.
det G. Poblet, 69
- Epidendrum rigidum Jacq.
det G. Poblet, 1970
- Scaphyglottis ochroleuca Schott.
det G. Poblet, 69
- Guarea pubescens (Rich) A. Juss.
Det T.D. Pennington 1980
- Piper sp. (stems)
det R. Callejas 1979
- Siparuna bipida (Poepp. & Endl.)
det R. Callejas 1979
- Hypoletrum longifolium L. Rich.
det T. H. Robinson 1969

- 6153 ^{vv} 13 Melastomac Tree 15 m x 20 cm diam, young fr green
- 6154 ^{vv} 10 Myrtac Treelet 3m, young fr green
- 6155 ^{vv} 13 Dilleniace Liana, calyx green, filaments white
- 6156 ^{vv} 13 Proteac Treelet 3m, fls green
- 6157 ^{vv} 13 Bauhinia Liana, corolla white, exterior ferrugineous pubescent
- 6158 ^v 4 Bromeliac Epiphyte, bracts crimson
- 6159 ^{vv} 13 Ouratea Tree 7m x 3 cm diam; corolla yellow
- 6160 ^{vv} 13 Melastomac Tree 12m x 15 cm diam, young fr green
- 6161 ^{vv} 12 Myrtac North bank of Rio Abunã between Cachoeira Tres S and Funchal, Brazil
Shrub 4m tall, young fr green
- 6162 ^v 12 Sapotaceae ~~Olacaceae~~ Tree 5m; corolla white
- 6163 ^v 3 Zingiberac To 50 cm tall; bracts red with white centre
- 6164 ^{vv} 12 Mimosa Shrub 3m tall, fls pink, leaves sensitive
- 6165 ^{vv} 12 Combretac Liana, fls cream, scented
- 6166 ^{vv} 12 Euphorbiac Tree 8m, fls pale green, white latex
- 6167 ^{vv} 12 Lauragac Shrub 5m, fls white

- Miconia poeppigii* Triana
Det J.J. Wurdack, '69
- Myrciaria floribunda* (Wulst.) Berg.
Det R. McVaugh 1972
- Daliolepis brevipedicellatus* Garcke
Det K. Kubitzki '70
- Aptandra spruceana* Mez ex DC.
Det H. Sleumer 1970
- Bauhinia guianensis* Aubl.
Det R. Wurdack 1973
- Ilarioa* ~~Parsonsii~~ ~~le~~
Det L.B. Smith
- Bellucia cf. circumscissa* Spruce ex Logn.
Det J.J. Wurdack, '69
- July 19, 1968
Peidum acutangulum DC.
Det R. McVaugh 1972
- Cathedra cf. crassifolia* Mez
Det H. Sleumer, 1972
- Costus arabicus* L.
Det P.J.M. Maas, 1969
- Mimosa pigra* L.
Det HSI, '69
- Combretum laxum* Jacq.
Det A.W. Evell, '69
- Nauclea* ~~potida~~ ~~Det~~
Det W. R. ~~1978~~
- Neelandra amazonum* Nees
Det J. Polak 1985

- 6168 12 Melastomaceae Tree 10 m, young fr green
- 6169 8 sets 12 Araceae Epiphyte, spathe green
- 6170 12 Guttiferaceae Treelet 3m, young fr green
- 6171 6 Gustavia Treelet 4m, young fr green
- 6172 12 Lauraceae Tree 10 m x 10 cm diam; fls cream, highly scented
- 6173 12 Sapotaceae Treelet 3m; corolla white
- 6174 6 Myristicaceae Tree 12 m x 10 cm diam; fls cauliflorous, pale yellow
- 6175 12 Inga Tree 8m x 7 cm diam; corolla greenish white; filaments white
- 6176 12 Guttiferaceae Tree 5m; fls pale green
- 6177 12 Pteridophyte Terrestrial with creeping rhizome
- 6178 12 Hymenophyllaceae Terrestrial in small clumps
- 6179 12 Lauraceae Treelet 3m, fls cream, inf & pedicels red
- 6180 12 Leguminosae Tree 12m x 15 cm diam; young fr green
- 6181 10 Peperomia Epiphyte, trailing over tree branches
- 6182 12 Lauraceae Treelet 3m, fls white; inf branches red
- 6183 12 Worezewitchia Treelet 4m, young fr green

- Marlierea cf. subulata* Mc Vaughn
Det. R. Mc Vaughn 1972
forest on t f near river
- Ph. aff. angustisectum* Engl
Det. Bunting 1987
- Philodendron pinnatifidum* (Jacq) Kunth
Det. R. Mc Vaughn 1972
- Strombosia* (Merr) S. G. Lee
Det. M. E. ... 1981
- Gustavia* ...
Det. J. Rohrer 1943
- Neolobelia cuprea* (Hort)
Det. J. M. P. ... 1971
- Iryanthera juruensis* Warb.
Det. J. T. B. 1969
- Phoradendron* ...
Det. T. N. ... 2005
- Alseodaphne* ...
Det. J. Rohrer 1985
- Trichomanes hostmannianum* Kze.
Det. J. T. Michel, 1970
- Ocotea pauciflora* (Nees) Mez
Det. J. Rohrer 1985
- Distylium guianense* (Aubl) ...
Det. H. S. ...
- Peperomia nematostachya* Link
Det. E. ...
- Endlicheria verticillata* Mez
Det. J. Rohrer 1985
- Warszewiczia coccinea* (Vahl) K.
Det. Stojanovic, 1969

- 6184 ✓ 2 Phytolaccac Herb 50 cm tall, infl. sepals red; young green
- 6185 ✓ 12 Laurac Treelet 4 m, fruit and sepals pale green
- 6186 ✓ 12 Laurac Tree 10m x 20 cm diam, trunk arching
- 6187 ✓ 12 Myrtac Treelet 5 m, young fr. green
- 6188 ✓ 12 Caesalpinoideae Tree 18m x 25 cm diam, infl. branches & pedicels orange, fr. Treelet 2m, corolla white
- 6189 ✓ 12 Capparidaceae
- 6190 ✓ 9 Rubiac Shrub 1m tall, corolla tube green, lobes white
- 6191 ✓ 12 Mimosoideae Tree 10m x 30 cm diam, calyx pink, filaments white
- 6192 ✓ 12 Rubiac Tree 10m x 20 cm diam, young fr. green river bank
- 6193 ✓ 12 Myrtac Shrub 2m tall
- 6194 ✓ 12 Legum. - osce Shrub 3m tall, young pods green
- 6195 ✓ 12 Mimosoideae Treelet 3m tall
- 6196 ✓ 2 Markia Vine; corolla orange-red
- 6197 ✓ 6 Cordia nodosa Treelet 2m tall, corolla white
- 6198 ✓ 4 Annonac Treelet 2m tall, perianth cream
- 6199 ✓ 12 Legum. - osce Vine; young fr. green

forest on f. near river

- ✓ *Phytolacca rivinoides* Kunth & Bouché
Det. J. Nowicki 1970
- ✓ *Ocotea caudata* (Nees) Mez
Det. K. Kusnitzky 1974
→ *O. cf. pauciflora* (Nees) Mez
det. J. Rohrer 1985
- ✓ *Ocotea cf. caudata* (Nees) Mez
Det. K. Kusnitzky 1974
→ *O. cernua* (Nees) Mez, sensu lato
det. J. Rohrer 1985
- ✓ *Mouriri apiranga* Spruce ex Treana - Det. T. Morley 1972
- ✓ *Erythrina ulei* Harms
Det. B. A. Knuthoff, '69
- ✓ *Capparis sola* Macbride
Det. H. H. Iltis, 1969
- ✓ *Alibertia stenantha* Standl.
Det. Stoyemah, 1969
- ✓ *Pithecellobium jupunba* (Willd.) Urb.
Det. HSI, '69
- ✓ *Amiba juna* (Willd.) Urb.
Det. HSI, '69
- ✓ *Myrciaria dubia* (H. B. K.) McVaugh
Det. R. McVaugh 1972
- ✓ *C. amazonum f. vulgaris* Fantz
Det. P. R. Fantz, 1975
- ✓ *Pithecellobium latifolium* (L.) Benth. - Det. M. J. Jansen & J. J. G. Jansen
forest on f. near river
- ✓ *Clitoria amazonum* Mart. ex Bth.
Det. HSI, '69
- ✓ *Pithecellobium glomeratum* Bth.
Det. HSI, '69
- ✓ *Markea coccinea* L. A. Rich.
det. M. Nee '85
- ✓ *Cordia nodosa* Lam.
Det. P. R. Fantz 1972
- ✓ *Macharium leiophyllum* var. *latifolium* Benth. & Hook.
Det. V. Rudd 1972

- 6200 12 *Anacardium* Tree 25m x 60cm diam; leaves newest to inflorescence white; corolla red
West bank of Rio Madeira 12 km above Abunã Bolívia
Herb to 30 cm tall, corolla pale mauve forest on t.f. ✓ *Anacardium spruceanum* Benth.
Det. J.T.P. 1970
July 20, 1968
- 6201 13 *Rubiace* ✓ *Ruellia*
- 6202 13 *Rubiace* ✓ *Ruellia*
Herb to 40 cm tall.
- 6203 8 Pteridophyte Terrestrial
- 6204 13 *Myrtac* ✓ *Cyclopeltis semicordata* (Sw.) J.Sm.
Shrub 4m tall, young green
Det. J.T. Mickel, 1970
✓ *Pedium cf. acutangulum* DC.
Det. R. McVaugh 1972
- 6205 3 *Sapindac* ✓ *Pseudima frutescens* (Aubl.) Radlk.
Treelet 2m, fruit scarlet, seeds black aril white
Det. J.T.P. 1969
- 6206 13 *Sapindac* ✓ *Matayba purgans* (P.B.E.) Radlk.
Shrub 2m; fls white
Det. J.T.P. 1969
- 6207 13 *Orchidac* ✓ *Scaphyglottis ochroleuca* Schott
Epiphyte
Det. G. Papat 1970
- 6208 13 *leguminosae* maddy wood ✓ *Cassia reticulata* Willd.
Shrub 3m tall, corolla yellow
Det. S. Irwin, 1970
- 6209 8 *Hibiscus* ✓ *Hibiscus peruvianus* R.E. Fries
Subshrub 1.2m tall, corolla pale with deep red centre
Det. A. Krapovickas, 1970
- 6210 13 *leguminosae* capoeira ✓ *Canavalia dictyota* Piper
Vine, corolla pale purple upper lobe with deep purple markings
det. J. Grimes 1990
- 6211 13 *Araceae* ✓ *Monstera obliqua* (Krug) Waip.
Climber, spathe cream, spadix green
forest on t.f. ✓ *Monstera obliqua* (Krug) Waip.
Det. D. McCalister 1973
✓ comp det in material 1975
- 6212 4 *Gustavia* ✓ *Gustavia peruviana* HBK.
Tree 5m corolla white filaments pale yellow tinted red
Det. S. Irwin, 1970
- 6213 12 *Annonac* El. Sp. *Duguetia quitarensis* Benth.
Tree 3m; young fr green
There is a sheet in herbarium det as *Cymbopetalum brasiliense* (Vell.) Baill. Specimen in Cold room are *Duguetia*!
by N. Murray 1989
det. P. Maas 1990
- 6214 10 *Acanthac* ✓ *Jacobinia lenistachys* Poeby
Herb, corolla white with purple markings
det. W. S. G. 67

6215 7 Piper Shrub 1m tall; infl pendulous, white forest on 1 f.

6216 1 Araceae Terrestrial, spathe green, spadix reddish-brown

6217 3 Polypodiophyte Epiphyte

6218 13 Rubiac Herb growing in moist rocky cliff; fls white

6219 13 Ficus Tree 10m; syncor green; white latex

6220 13 Meliaceae Tree 12m x 15 cm diam

6221 13 Cordia nodosa L Treelet 3m, corolla white

6222 6 Piper Shrub 1.5m; infl erect

6223 6 Araceae Epiphyte, spathe green

6224 13 Petreaa Liana, calyx pale bluish, corolla deep blue

6225 13 Meliaceae Tree 25m x 70 cm diam; corolla & staminal tube yellowish-green, bark smooth grey with shallow longitudinal fissures

6226 7 Piper Subshrub 40 cm tall; infl erect

6227 2 Bignoniaceae Liana, fruit dark green with brown lenticels

6228 13 Nyctaginaceae Tree 8m x 8 cm diam

6229 6 Menispermaceae Treelet 2m; fr yellow

6230 13 Guttiferaceae Tree 8m x 10 cm diam; young fls green, yellow latex

Piper divaricatum Meyer
det. R. Callejas, 1985

✓ ~~Cassythaceae aureum~~
~~shrub var capitatum (Cass.) Steud.~~
~~det. Steud.~~
UNICATE ✓ Anthurium tenuicarpum
Det. D. H. Nicolson, 1972

✓ Polypodium bombycinum Maxon
Det. J. T. Mickel, 1970
✓ Peppia aff. glauca (Mart)
Spring. Det. K. Becker 1973

✓ Pseudolmedia laevis (R+P) Ntabor
det. C. C. Berg, 1974

✓ Tetragastis altissima
det. Pries

Furseriaceae
det. T. Pennington 1982

✓ Cordia nodosa Lam.
Det. J. R. Dille, 1972

✓ Piper kostmannianum (Nig.)
det. R. Callejas 1979

✓ Philodendron
Det. D. Nicolson 1973

Petreaa maynensis Huber
Det. Moldenke, 1969

Agaveaceae
det. Pennington 1982

✓ Piper anonifolium Kunth
det. R. Callejas 1979

Tr Sep ✓ Ceratophyllum tetragonolobum
(Jacq.) Sprague & Sandw.
det. A. Gentry, 1978

Neea sp.
det. L. G. Th. Westra 1984

✓ Abuta sandwithiana Kunth & Benth.
Det. B. A. Kuhn, 1979

✓ Rhesia longifolia
det. M. A. ... 1979
Rhesia macrophylla ...

- 6231 13 *Leonia* Tree 10 m x 10 cm diam
Forest on east bank of Rio Madeira near junction of Rio Abunã (T. Rond.)
Climbing on tree trunks forest on t.f.
- 6232 3 *Cyclanthac*
- 6233 12 *Rubiace* Tree 6 m x 10 cm diam, mature fr. white
- 6234 9 *Rhamnaceae* Vine; mature fr. yellow, stem spinous
- 6235 12 *Leguminosae* Liana, corolla yellow, young fr. green
- 6236 2 *Solanac* Shrub 1 m tall, corolla green, anthers yellow
- 6237 12 *Convolvulaceae* Liana, young fr. green, old fr. brown
- 6238 12 *Polygonac* Liana, young fr. green
- 6239 2 *Clavija* Shrub 5 cm tall; fr. orange
- 6240 5 *Pteridophyte* Terrestrial, fronds to 1.5 m tall, growing in clumps
- 6241 12 *Symplocar* Tree 15 m x 15 cm diam, corolla scarlet
- 6242 9 *Peperomia* Climbing epiphyte, small tree
- 6243 13 *Leguminosae* West bank of Rio Madeira, 2 km above Abunã, Bolivia
Tree 15 m x 20 cm diam, pods dark brown forest on t.f.
- 6244 13 *Sapindae* Liana, corolla white, apple-like white with green tips, stamens white
- 6245 13 *Leguminosae* Tree 10 m x 10 cm diam

- ✓ *Leonia glycyarpa* R. & P.
Det. M. Silva 1970
July 21, 1968
- ✓ *Coussarea*
det. J. Steyermark 1977
- ✓ *Albizia glabra* Jacq. Hay
det. M. J. J. 1979
- ✓ *Phaseolus* sp.
Det. M. K. Arroyo 1972
- ✓ *Alseum* sp.
det. M. J. J. 1979
- Ipomoea*
- ✓ *Ipomoea batatas* Choisy
det. D. Austin 1980
G. acutana Pilg. det. R. Lima, 2001
- ✓ *Gouania pyrifolia* Reuss
Det. M. J. Silva 1972
- ✓ *Gouania strata* Rich. det. C. A. Howard 1976
- ✓ *Clavija* sp.
Det. J. T. P. 69
- ✓ *Pteris propinqua* Agardh
Det. J. T. Michel, 1970
- ✓ *Symplocar glauca* L.f.
Det. B. Maguire, 1969
- ✓ *Peperomia covanii* Yuncles
det. F. Callejas 1979
July 22, 1968
- ✓ *Stryphnodendron* sp.
det. E. J. J. 1970
Stryphnodendron foreroi Martins
det. E. H. O. Martins, 1988
- ✓ *Serjania noxia* Camb.
Det. J. T. P. 1969
- ✓ *Inga ingoides* (Rich.) Willd.
det. T. D. Pennington, 1976
- ✓ *Inga*
det. R. S. Cornean, 1973

- 6246 3 Euphorbiaceae Treelet 4m, young fr green
- 6247 13 Leguminosae Tree 15m x 20cm diam
- 6248 5 Araceae Climber, spathe dark green
- 6249 3 Flacourtiaceae Treelet 5m, corolla white
- 6250 9 Vismia Tree 15m, corolla green, spathe red, young fr green
- 6251 2 Loranthaceae Parasite young fr green
- 6252 13 Tiliaceae Tree 20m x 35cm diam, fr green maturing black
- 6253 13 Moraceae Tree 20m x 40cm diam, young fr green
- 6254 13 Picramnia Tree 2m fr orange
- 6255 13 Hirtella triandra Sw. Shrub 2m, corolla white, filaments purple with white base
- 6256 12 Sapindaceae Woody liana fr. brown in main stem, green maturing red
- 6257 12 Tiliaceae Tree 15m x 20cm diam
- 6258 12 Rubiaceae Shrub 1.5m tall, young fr green
- 6259 12 Piper Vine, infl. white
- 6260 6 Passiflora Vine, corolla red, appendages columnella orange

Inga nobilis Willd.
det. T.D. Pennington 1996 forest on t.f

Agave sp. det. T. Croat 1979

river bank

Croton cf. piluliferus Rusby
det. G.L. Webster 1997

Sclerolobium sp.

Det. H.S.I. '69
Synonymum vellosianum Schott - Det. D. Middleton 1973

Casearia aculeata Jacq.

Det. H. Sleumer, 1970

VISMIA POZUEZENSIS FENDER

DET: N. ROBSON, 2002

Guazuma ulmifolia Lam.
Det. W. Meijer, 1972

Pourouma vs palmata P. & E.

Det. C.C. Berg, 1970

Picramnia macrostachys

(Kl.) Engl. Det. S.R. Hill, 1972

Hirtella triandra Sw.

subsp. triandra Det. J. M. J.

July 21, 1958

Paullinia sp.

Det. J. T. P. 69

Guazuma cuneata Mart

Det. W. Meijer, 1972

Rudgea cornifolia (H. & B.) Standl.

Det. Stojermark, 1969

Piper malacophyllum (Presl)

C.D.C. det. R. Collyer 1979

Passiflora spinosa (Poepp. & Endl.)

det. A.C. Cervi, 1997

P. hispidum Swartz
det. R. Collyer, '83

Paullinia sp. forest on high river bank
det. Simpson 1973

- West bank of Rio Madeira, 4 km above Abunã, Bolivia
 Herb to 40 cm tall; corolla white muddy river bank
- 6261 13 Solanac
 6262 3 Bromeliac Epiphyte, fr brown
 6263 13 Pteridophyte Epiphyte
 6264 12 Orchidac Epiphyte, corolla yellow with red markings
 6265 13 Pteridophyte Epiphyte creeping along tree branches
 6266 7 Orchidac Epiphyte, fruit green
 6267 13 Orchidac Epiphyte, fruit green
 6268 1 Orchidac Epiphyte, fruit green
 6269 1 Orchidac Epiphyte, fruit green
 6270 1 Orchidac Epiphyte, fruit green
 6271 1 Araceae Epiphyte, spadix reddish brown
 6272 10 Pteridophyte Epiphyte
 6273 13 Malpighiac Liana, fr & glands green
 6274 13 Hippocrateaceae Liana, fr brown with grey lenticels
 6275 13 Euphorbiac Shrub 1m tall, fls green, young fr green
- forest on +
Vriesea amabilis (Baker) Mez
 det B. Smith 1963
- July 23, 1968
Solanum aff. *nigrum* L.
 Det. M. Nees, 1972
- Vriesea* aff. *amazonica*
 Det. L. B. Smith 1969
- Polypodium pectinatum* L.
 Det. A. M. Evans 1970
- Lochnera gorgensis* (L.) J.
 Det G. Pabst 1970
- Polypodium (Pleopeltis) peruvianum* Cav.
 Det. J. T. Mickel, 1970
- Maxillaria alba* Hook.
 Det G. Pabst 1970
- Maxillaria uncinata* Lindl.
 Det G. Pabst 1970
- Leucokyle brasiliensis* (Lag.) Schltr.
 Det Pabst '69
- Maxillaria camardii* Rehb.
 Det Pabst '69
- Maxillaria* aff. *pauciflora* Rehb.
 Det Pabst '69
- UNICATE
Anthurium
 Det D. H. Nicolson, 1972
- Polypodium polypodioides* (L.) Watt
 var. *burchellii* (Baker) Weath
 Det J. T. Mickel, 1970
- Banisteriopsis wurdackii* Gates
 det B. Gates 1979
- fr separate
Hylenaea praeceles (Mim) & Smith
 det A. Munneke 1980
- Banisteriopsis*
 det J. L. Winters 1977

6276 ^{vvv} 13 Melastomac Treelet 3m tall; calyx cream; corolla & filaments white forest on t.f.

6277 ^{vvv} 13 Bignoniac Liana; corolla orange

6278 [✓] 3 Araceae 1 Km North of Ribeirão ^{road} Abunã to Guajará-Mirim ^{microspk. schum.} Rondônia ^{Det. D.R. Hunt 1972} Forest on t.f. ^{Pyrostegia echinotoma} white latex ^{Det. A.A. Atchley 1972} ^{Jun. 25, 1968} ^{T. Croat 1981}

6279 ^{vvv} 12 Cordia Tree 10m x 8 cm diam, corolla white

6280 ^{vvv} 12 Piper Shrub 1m tall; infl cream, erect

6281 ^{vvv} 12 Viola Tree 20m x 20 cm diam, fls brown ^{Viola elongata (Benth) Walp.} ^{det. W. Rodrigues, 1980} ^{1982 Det. W.A. Rodrigues 1972} ^{Viola Theodorae (Spr. ex Bth)}

6282 ^{vvv} 12 Cochlospermum Tree 15m x 20 cm diam, corolla yellow; flowering in leafless condition ^{Cochlospermum orbiculare (HBK) Steud.} ^{DET. K. Kubitzki 1972}

6283 ^{vvv} 12 Cephaelis Shrub 80 cm tall, bracts scarlet; corolla yellow

6284 ^{vvv} 12 Tachigala Tree 20m x 13 cm diam, cal reddish; corolla & filaments yellow ^{subsp. barcellana (M. Arg.) Steyerom.} ^{Det. Steyerom. '69}

6285 ^{vvv} 12 Leguminosae Tree 13m x 20 cm diam; infl & pedicels orange, calyx orange with green tips; corolla orange; flowering in leafless condition ^{Erythrina ulai Harms} ^{Det. B.A. Kruckhoff, '69}

6286 ^{vvv} 12 Hirtella Treelet 3m; ^{Hirtella racemosa Lam. var. racemosa} ^{Det. J.T.P., 1968}

6287 ^{vvv} 10 Gramineae Growing in small clumps ^{Johnanthus paniculatus Beauv.} ^{Det. A. D. D. 73}

6288 ^{vvv} 12 Melastomac Tree 20m x 40 cm diam; young fr dark green ^{Miconia poeppigii Triana} ^{Det. J.T. Wurdack, '69}

6289 [✓] 5 Rubiac Shrub 1m tall; young fr orange later red, maturing maroon ^{Psychotria sp.}

6290 [✓] 2 Hirtella Treelet 4m, corolla pink; filaments purple with white bases ^{Hirtella hispida Steud.} ^{Det. J.T.P., 1968}

Miconia nervosa (Sm.) Triana
Det. J.T. Wurdack, 1964

Pyrostegia venusta (Ker-Gawl.) Miessner
Det. A.A. Atchley 1972

Jun. 25, 1968
Lycogonium amazonicum
Engelm. det. O. Mucallone 1973

Cordia ucayaliensis Johnston
Det. S.R. Kelly, 1972

Piper anongolium Burd
det. R. Calligas 1979

Viola Theodorae (Spr. ex Bth)
1982 Det. W.A. Rodrigues 1972

Cochlospermum orbiculare (HBK) Steud. DET. K. Kubitzki 1972

Psychotria poeppigiana M. Arg.
(M. Arg.) Steyerom. Det. Steyerom. '69

Tachigala rusbyi Harms
Det. H.S.I., '69

Erythrina ulai Harms
Det. B.A. Kruckhoff, '69

Hirtella racemosa Lam. var. racemosa
Det. J.T.P., 1968

Johnanthus paniculatus Beauv. Det. A. D. D. 73

Miconia poeppigii Triana
Det. J.T. Wurdack, '69

Psychotria sp.

Hirtella hispida Steud.
Det. J.T.P., 1968

- 6291 ✓ 5 Apocynaceae Shrub 70 cm tall, corolla white
 6292 ✓ 12 Pourouma Tree 20 m x 40 cm diam;
 6293 ✓ 12 Lythrac Tree 20 m x 35 cm diam,
 pale reddish purple, flowering
 6294 ✓ 12 Euphorbia Tree 25 m x 30 cm diam
 white latex 'Taquari'
 6295 ✓ 12 Apocynac Tree 20 m x 20 cm diam, bud
 6296 ✓ 12 Leguminosae Tree 20 m x 25 cm diam
 6297 ✓ 12 Melastomac Treelet 4 m; corolla white
 6298 ✓ 2 Nyctaginac Treelet 80 cm tall, corolla light
 6299 ✓ 10 Hymenophyllac Terrestrial growing in small clumps
 (Found Abasco to San Francisco) km 200
 6300 ✓ 12 Sapindaceae Shrub. Fr. orange red, Tamar. fruit
 6301 ✓ 12 Davilla Vine Buds green, Fls. yellowish
 6302 ✓ 12 Solanaceae Shrub. Calyx and fr. green
 6303 ✓ 12 Solanaceae Shrub. Calyx green, white pubescent,
 6304 ✓ 12 Bignoniaceae Vine Frs. green
 6305 ✓ 9 Selaginella 10-3 m tall. Fruits green

tube with pink base, white latex

fls. brown

calyx dark reddish-purple, corolla
leafless condition

fls. brown, fr. ferrugineous

green; copious white latex

young fr. green, maturing brown

Fr. Sep.

brown

Neea sp.
det. Webster, 1981

200, vicinity of Campirao, Lere

secondary growth along roadside

Pseudima frutescens (Aubl.) Radlk. det. T.D. 1969

green, stamens yellow

Fr. separate

corolla violet, anthers yellow, young frs. green

det. Agostini 1981

green

✓ *Anacamptis pendula* Mgf.
n. sp. DET F. Markgraf 69

✓ *Pourouma apiculata* Benoist
Det. C. C. Berg, 1970

✓ *Physocalymma scaberrima* Pohl.
Det. A. Houttey, 1969

Malea fistulifera Mart.
det. G. Webster 1986

Lacmellea arborescens (M. Arg.)
Mgf. var. *monosperma* (M. Arg.)
Mgf.

✓ Det. F. Markgraf, 1969

Eschweilera coriacea
(A.P. de Candolle) Mori, comb. nov.
det. S. Mori, 1990

✓ *Miconia phanerostyla* Pilger
Det. J. T. Wurdack, 69

✓ *Calympane brachylobum*
Schwarz, det. Mori, 1979

✓ *Trichomanes pinnatum* Hedw.
Det. J. T. Wurdack, 1970

July 17, 1968

✓ *Solanum sect. breviantherum* or
S. subgen. LEPTOSTEMONUM DET. NEE '72

✓ *Davilla Kunthii* St. Hil.
Det. K. Kubitzki, 1970

✓ *Solanum* subgen. *LEPTOSTEMONUM*
det. M. Nee, 1972

✓ *Solanum* sect. *breviantherum* or
S. subgen. LEPTOSTEMONUM DET. NEE '72

✓ *Arrahodaea platyphylla*
(DC.) - Det. A. Benay, 1970

+6306 2 Piperaceae Shrub Inflorescence green

6307 8 Bignoniaceae Vine Fr. green

6308 11 Bignoniaceae Vine Calyx and fr. green

6309 10 Icacinaceae Scandent. Fr. purple

6310 12 Gramineae Caespitose

6311 12 Sapindaceae Vine. Calyx green, corolla yellow

6312 2 Bauhinia Treelet, 3 m. young fr. green, mature fr. brown

6313 10 Euphorbiaceae Shrub. Spikes green

6314 12 Rutaceae Tree, 30 m x 20 cm. diam. Fr. green

6315 7 Anthurium Epiphyte. Spathes green, spathe pale green, fls. brown

6316 12 Sapindaceae Vine. Calyx green, corolla greenish white, young fr. green, with red wings

6317 3 Apocynaceae Vine Fr. green, covered with lower hairs. Pale latex

6318 12 Rutaceae Shrub. Fr. red or purple

6319 12 Sapindaceae Scandent. Fr. green

6320 12 Sapindaceae Vine. Calyx cream, corolla and filaments white, anthers yellow

✓ *Amphilophium paniculatum* (L.) HBK. Det. A. Sentry 1973

✓ *Anemopaegma floridum* Martius DC. Det. A. Sentry 1973

✓ *Lereticia cordata* Vell.?
1984 det. R.A. Howard 1984

Not Desc. - RA toward 1976

✓ *Lasiacis ligulata* Hitchc. & Chase. Det. A. Senter 1973

✓ T.P. 1960 *Paullinia* sp.

Det. J.T.P. 1969

✓ *Bauhinia acuminata* L. det. J. Senter 1971

✓ *Laetia* sp. det. M.F. Silva 1972

Calycophyllum acreanum Duch.

Det. Stoyenmark, 1969

✓ *Anthurium* Det. A. Senter 1973

✓ *Serjania* sp. ! T.P. 1960

Det. J.T.P. 1969

✓ *Rhipidia amazonica* Markgraf

Det. F. Markgraf, '69

✓ *Sabicea glabrescens* Benth.

Det. Stoyenmark, 1969

✓ *Gouania acreana* Pilg. det. H.T. Prance 1972

✓ *Serjania* sp.

Det. J.T.P. 1969

- ✓✓✓ 6321 12 Menispermaceae Tree, 3 m. Fr. green (chem sample) ✓
- ✓✓✓ 6322 12 Monimiaceae Treelet, 2.5 m. Buds green, white pubescent ✓
Det. B.A. Krukoff, 1969
✓ Siparuna sp. (aff. guianensis Aubl.)
det. P.R. Sorensen, 1972
- ✓✓✓ 6323 12 Violaceae Small treelet, to 1 m. tall. Fls. cream
- ✓✓✓ 6324 12 Myrtaceae Treelet, 4 m. Young fr. green maturing orange ✓
Myrciaria floribunda (Willd.) Berg
- ✓✓✓ 6325 12 Mimosaceae Treelet, 5 m. Buds, calyx and pink lobes, filaments white anthers green, corolla white with
INPA sheet det. by M.F. de Silva
or Inga falcistipula
- ✓✓✓ 6326 12 Lauraceae Tree, 8 m. tall. Fls. pale green, or white, inflorescence branches red ✓
Inga capitata Desv.
det. C. G. Jones 1972
Nectandra (Schomburgkii) Meisb.
det. J. Rohrer 1985
- ✓✓✓ 6327 12 Rutaceae Tree, 8 m. Fr. green ✓
Galipea trifoliata Aubl.
det. R. S. Cowan 1973
- ✓✓✓ 6328 12 Dilleniaceae Vine. Calyx, corolla and fr. green ✓
Dollicarpus magnificus Steud.
- ✓✓✓ 6329 8 Bignoniaceae Vine. Calyx green, corolla exterior cream, interior purple and violet ✓
Det. K. Kubitzki, 1970
Mussaenda cf. priurei (DC.)
Bureau & Schum det. A. Bentley 1973
- ✓✓✓ 6330 6 Menispermaceae Vine Fr. orange ✓
Mendocia schomburgkiana Nees
- ✓✓✓ 6331 6 Pittocellobium Tree, 15 m. Fr. green ✓
Det. D. Wasshausen, 1969
Pittocellobium sp. Det. H.S. 1969
- ✓✓✓ 6332 12 Annonaceae Treelet, fr. exterior brown, cream white. Fr. separate ✓
July 18, 1968
Duguetia spixiana Mart.
det. P. Maas 1990
- ✓✓✓ 6333 12 Menispermaceae Vine Fr. green ✓
Odontocarya ulei Diels
- ✓✓✓ 6334 10 Malvaceae Treelet, 5 m. Fr. purple Fr. separate ✓
Det. R.C. Barneby, 1969
- ✓✓✓ 6335 12 Rutaceae Treelet, 5 m. Fr. green ✓
Metrodorea flavida Krause
Det. B.W.P. Albuququerque, 1975
Metrodorea
det. R.S. Cowan 1973

- 6336 ✓ 12 Bignoniaceae Vine Fr. green PARATYPE ✓ *Tynnanthus weberbaueri*
Spreng. - Det. A. Sentry 73
- 6337 ✓ 12 Euphorbiaceae Tree, 7 m. Buds yellow ✓ *Pausandra* sp. det. G. Webster 1986
Pausandra trianae (Muell. Arg.)
- 6338 ✓ 12 Bombacaceae Tree, 6 m. Calyx green, young fr. green maturing cream ✓ *Baillon* det. R. Liesner, 1992
Onosma sp.
Det. M. Silva 1970
- 6339 ✓ 1 Bignoniaceae Vine Fr. green ✓ *Adenocalymma bracteatum* (Cham.) DC.
Det. A.A. Atchley, 1970
- 6340 ✓ 12 Bignoniaceae Vine. Calyx green, corolla lilac. ✓ *Onosma* sp. det. A. Sentry Det. A. Sentry 73
- 6341 ✓ 12 Violaceae Small trailing to 2 m tall. Fr. green ✓ *Rinorea* sp.
Det. M. Silva 1970
- 6342 ✓ 12 Cordia Tree, 10 m X 15 cm diam. Calyx greenish brown, corolla white ✓ *Cordia alliodora* (R. & P.) Oken
Det. S. Aguilari, 1970
- 6343 ✓ 12 Moraceae Tree, 8 m. Young fr. pale green ✓ *Naucleopsis Kruskovii* (Standl.) C. C. Berg
Det. C. C. Berg, '69
- 6344 ✓ 12 Petreaeae Vine fls. blue, tinted violet and yellow ✓ *Petrea magnensis* Huber
Det. Moldenke, 1959
- 6345 ✓ 12 Xiphidium Terrestrial herb. Fr. red ✓ *Xiphidium caeruleum* Aubl.
Det. E. Foxero, 1971
- 6346 ✓ 6 Tern Epiphyte ✓ *Polypodium bombycinum* Maxon
Det. J. T. Mickel, 1970
- 6347 ✓ 2 Tern Epiphyte ✓ *Polypodium plumula* H. & B.
ex Willd. Det. A. M. Evans 1970
- 6348 ✓ 2 Orchid Epiphyte Fr. green ✓ *Scaphyglottis* - det on INPA sheet
- 6349 ✓ 12 Bignoniaceae Vine. Fr. green ✓ *Parasponia pyramidata*
C. Rich & Bur. - Det. A. Sentry 73
- 6350 ✓ 1 Anacardiaceae Epiphyte. Fr. green, white latex ✓ *Syngonium vellosianum*
Schott - Det. S. Aguilari 1972

- 6351 ✓ 9 Acanthaceae Herb. Calyx green, corolla bright red
- 6352 ✓ 1 Piperaceae Terrestrial herb. Spikes green
- 6353 ✓ 12 Myrtaceae Tree, 6 m. Perianth purple, stamens and pistil white
- 6354 ✓ 12 Mimosaceae Treelet, 5 m. Calyx green
- 6355 ✓ 12 Malpighiaceae Vine. Calyx glands yellowish green, corolla yellow
- 6356 ✓ 12 Bromeliaceae Epiphyte, Bracts red, Fls. yellow and green. Inflorescence branches green. Frs. yellow
- 6357 NY ✓ 12 Piperaceae Shrub. Inflorescences green
- 6358 ✓ 12 Boraginaceae Treelet, 5 m. Frs. green covered with white hairs
- 6359 ✓ 12 Lythraceae Tree, 15 m x 10 cm diam. Fls. purple
- 6360 ✓ 12 Lauraceae Treelet, 3 m. Fls. purple
- 6361 ✓ 6 Moraceae Tree, 5 m. Fls. yellow, white latex
- 6362 NY ✓ 9 Piperaceae Herb. Inflorescence green
- 6363 ✓ 12 Pithecellobium Treelet, 4 m. Calyx and corolla green, filaments and style white, anthers
- 6364 ✓ 12 Leguminosae Vine. Frs. pale green
- 6365 ✓ 8 Potallia Shrub. Branches & inflorescence yellow, buds green

- ✓ *Ruellia gracilis* Bacter
det Wasshausen, 69
- ✓ *Piper* sp.
det G. + Promec 1970
- ✓ *Calyptranthes pulchella* DC.
det R. McVaugh 1972
- ✓ *Mouiri aparanga* Spruce ex Triana
det T. Morley 69
- ✓ *Banisteriopsis wurdackii* Gates
det B. Gates 1979
- ✓ *Acchmea angustifolia* P. + E.
det L. B. Smith, 1964
- ✓ *Piper* sp. (strobil.)
det R. Calligas 1979
- ✓ *Cardia nodosa* Lam.
det P. R. Hall, 1972
- ✓ *Physocalymma scaberrima* Pohl
det A. Houtteig, 1969
- ✓ *Aniba canelilla* (H. B. K.) Mez
det K. Kubitzke 1979
- DISCARDED! all black & moldy 1996
- ✓ *Piper* sp. (strobil. spec.)
det R. Calligas 1979
- ✓ *Pithecellobium laetum* Bth.
det H. S. L., '69
- ✓ *Dalbergia gracilis* Benth
det M. Arroyo 1972
- ✓ *Potalia amara* Aubl.
det J. T. P., 1969

6366	✓ 12	Cordia	Tree, 15 m x 11 cm diam.	Calyx green, corolla white flowers brown	✓ Cordia scabrifolia A. DC. Det S.R. Muhl, 1972
6367	✓ 12	Pourouma	Tree, 10 m x 20 cm diam. Fls.	white, anthers brown, stipule pale green	✓ Pourouma minor R. Ben. Det CC Berg, 69
6368	✓ 10	Piperaceae	Shrub, Inflorescences cream	Frs dark green	✓ Piper hostmannianum (Miq.) C. DC. det. R. Callejas 1980 Piper sp. (sterile) det R. Callejas 1979 Piper arboreum var. filicifolium (Thell.) Yun. Det E.F. Guimaraes 1975
6369	✓ 4	Piperaceae	Shrub. Infls. cream		
6370	✓ 12	Viola	Tree, 20 m x 10 cm diam.	Fls. cream	✓ Viola albidiflora Duche Det. G.T.P. 1969
6371	✓ 12	Acanthaceae	Shrub. Calyx green, corolla	tinged violet	✓ Justicia sp.
6372	✓ 6	Rubiaceae	Shrub. Calyx green, corolla	tube pale green, corolla lobes	✓ Kotchubaea sp. = Kutchubea sp. Det. Steyermark, 1969
6373	✓ 6	Moraceae	Herb. Bracts red. Fls. orange		✓ Heliconia densiflora Hort. ex Verlot Det. P.J.M. Maas, 1972
6374	✓ 12	Guttiferae	Treelet, 5 m Calyx green, corolla	white, frs orange	
6375	✓ 12	Moraceae Neyfaginac	Treelet, 3.5 m. Young frs. green	maturing black	✓ Moellinedia sp. det J. Kallunki 1981
6376	✓ 4	Fern PTERIDOPHYTES	Terrestrial		✓ Trichopteris procera (Willd.) TRYON det. Mickel & Reeves, 1980
6377	✓ 10	Fern	Growing in small stream	Total length of leaves 1.80 m.	✓ Dryopteris serratum (Cav.) C. Chr. Det M. Silva 1971 July 19, 1968
6378	✓ 12	Melastomaceae	Tree, 10 m x 15 cm diam.	Young frs. green	✓ Penstemon sp. vestris G. Det. J.J. Wurdack, 1969
6379	✓ 12	Melastomaceae	Treelet, 4 m. tall Frs. green		✓ Bellucia ananthera Triana Det. J.J. Wurdack, 1969
6380	✓ 12	Melastomaceae	Shrub. Calyx green covered with brown hairs	corolla white, frs. blue	✓ Clitorea hirta (L.) S. Yun Det. J.J. Wurdack, 1969

6381 ✓✓ 12 Fern Terrestrial, beside small stream

6382 ✓✓ 12 Inga Tree, 8 m. Calyx, corolla and anthers green, filaments white

6383 ✓✓ 12 Inga Tree, 5 m. Calyx and corolla green, filaments white, anthers yellow

6384 ✓ 3 Palmae To 1 m. tall. Frs. red

6385 ✓✓ 12 Acanthaceae Shrub. Fls. red covered with white hairs, stems with white hairs. Growing beside small stream

6386 ✓✓ 12 Onagraceae Shrub, to 2 m. tall. Calyx and young frs. green, corolla yellow. Growing beside small stream

6387 ✓ 7 Palmae To 4 m. tall. 5 leaves in the crown. Frs green, inflorescence axillary

6388 ✓✓ 10 Fern Epiphyte Total length of leaves 1 m.

6389 ✓ 2 Annonaceae Treelet, to 4 m. tall.

6390 ✓ 5 Fern Terrestrial

6391 ✓✓ 12 Papilionaceae Vine Calyx purple, corolla violet tinged yellow

6392 ✓✓ 12 Menispermaceae Vine. Frs. green

6393 ✓✓ 12 Liliaceae Vine Frs. dark green

6394 ✓✓ 12 Inga Tree, 15 m x 20 cm diam. Calyx corolla and anthers green, filaments white

6395 ✓✓ 12 Compositae Vine Fls. greenish white

✓ *Pityrogramma calomelanos* (L.) Link. Det J.T. Mickel, 1970

✓ *Agave punctata* Willd. det J. Gomez 1982

✓ *Inga guatemata* Poepp. Det. T. Elias, 1970

✓ *Desmoncus cf. leptospadix* Mart. Det. H.E. Moore 1972

✓ *Suessenguthia* sp.

✓ *Ludwigia latifolia* (Benth.) Harms Det P.H. Raven, 1971

✓ *Chamaedorea integrifolia* (Grail) Dammer

Det. H.E. Moore 1972

✓ *Polypodium (Campyloneurum) repens* Aubl. Det J.T. Mickel 70

✓ *Lindsaea lancea* (L.) Biddome Det J.T. Mickel, 1970

✓ *Crotalaria aff. argentea* Desv. Det. R.H. Maxwell, 1969

✓ *Abuta grandifolia* (Mart.) Sander Det. K. Kubitzki 69

✓ *Tetradlea paviflora* (Rusky) Steum Det. K. Kubitzki, 1970

✓ *Inga edulis* Mart. Det. T. Elias, 1970

✓ *Baccharis trinervis* Pers. ♀ Det. G.M. Barroso, 1969

- 6411 ^{vv} 12 Dictyoloma (Rutac) Treelet to 3 m tall. Frs. green, total length of leaves \pm 1.8 m. Disturbed forest on t.o.g.
- 6412 ^{vv} 12 Leguminosae Vine young frs. green
- 6413 ^{vv} 12 Gustavia Treelet, 3 m. Young frs purple and yellow, maturing yellow
- 6414 ^{vv} 12 Apeiba Tree, 8 m. Frs. green [✓] Apeiba tibourbou Aubl. - Det M. J. Salva 1972 Sep
- 6415 ^{vv} 12 Cecropia Tree, 75 m x 30 cm diam spikes greenish brown, stipules red
- 6416 [✓] 2 Fern Terrestrial
- 6417 ^{vv} 11 Lauraceae Treelet, 6 m. Fls. green [✓] O. cernua (Nees) Mez, s. l. det. J. Rohrer 1986
- 6418 ^{vv} 12 Chamissoa ^{Amaranth} Vine Calyx and frs purple. Seeds black
- 6419 ^{vv} 10 Moraceae Tree, 20 m x 20 cm diam. Young frs. green
- 6420 ^{vv} 17 Olacaceae Tree, 15 m x 25 cm diam Perianth red, ovary white
- 6421 ^{vv} 12 Loganiaceae Tree, 10 m x 10 cm diam Calyx white and anthers green, style and filaments white
- 6422 ^{vv} 12 Rubiaceae Tree, 6 m Frs. black [✓] Faramea torquata M. Arg. det. C. M. Taylor 1984
- 6423 [✓] 9 Urteae Treelet Calyx green, corolla white, stamens and style black, ovary yellow
- 6424 ^{vv} 12 Myrsinaceae Treelet to 7 m tall. Perianth purple, filaments white
- 6425 ^{vv} 12 Lycopodium Vine Calyx green, corolla bright red. White lobes

- July 20, 1968 [✓] Dictyoloma peruvianum Planch. - Det. S. R. J. & B. T. Planch 1972
- [✓] Mimosa rufescens Bth. Det HSI 69
- [✓] Pourouma cecropiifolia (Aubl.) Smith subsp. heptaphylla Det. H. S. Gentry 1973
- [✓] Apeiba tibourbou Aubl. Det W. Meijer 1971
- [✓] Cecropia sciadophylla Mart. Det. C. C. Berg, 1972
- [✓] Adiantum phyllitidis J. Sm. det. Michel + Reeves, 1980
- [✓] Ostea cf. caudata (Nees) Mez Det R. K. Runkley 1981
- [✓] Pourouma cecropiifolia Mart. Det C. C. Berg, 1970
- [✓] Heterostema flexuosa Engl. Det H. Sieumer, 1970
- [✓] Faramea sp. Det. Stojanovich, 1969
- [✓] Hirtella socotranica Det. J. R. & B. T. Planch 1972
- [✓] Calyptranthes pulchella DC. Det R. McVaugh, 1972
- [✓] Odontadenia cognata (Stadelm.) Wood Det F. Markgraf, 69

- 6426 ✓✓✓ 17 Leguminosae Urn. Frs green *interd. S. along road side*
✓ Rhynchosia phaeodoides (Sw.) DC.
det J. Greuter, 1976
- 6427 ✓✓✓ 12 Lauraceae Treelet, 1m. Fls. cream *✓ Rhynchosia pyramidalis (Lam.) Urb.*
Det. J.W. Greuter 1971-1972
Nectandra cf. canescens Nees
Det. J. Roldán 1985
- 6428 ✓✓✓ 12 Parkia Tree, 30 m. x 35 cm diam. Frs red with green margins *Parkia pendula Bth.*
Det HSI, '69
- 6429 ✓ 2 Apocynaceae Tree 6 m. Frs. green, w latex *Himatanthus larifolius (Mang.) Wadsw.*
Det T. Markgraf, '69
- 6430 ✓✓✓ 12 Inga Tree, 8 m. x 10 cm. diam. Calyx, corolla and anthers green. Fls. white *Poa ligularis Kunth*
det J. Greuter, 1976
- 6431 ✓✓✓ 12 Leguminosae Tree, 5 m tall, frs. green *Sclerobium chrysophyllum*
Det HSI, '69 Poepp. & Endl.
- 6432 ✓✓✓ 12 Laurac 1 km north of Ribeirão road Abunã to Guajará-Mirim
 Tree 25 m x 20 cm diam, fls brown *Rondônia*
Forest on T.f.
Rhodostemonodaphne Kunthiana
(Nees) Roldán det. J. Roldán 1985
Synandrodaphne Kunthiana (Nees) Roldán
det. J. Roldán 1985
- 6433 ✓✓✓ 12 Loranthac Parasite in Lauraceae 6432; young fr pale green on lower half, dark green on upper half *Oryctanthus spiraleolatus (Kunth) Kunt*
det. J. Kunt 1980 Kunt, 1990
- 6434 ✓✓✓ 12 Bombacaceae Treelet 5m; fr green *Quararibea aff. schroderi (K. Schum.) Vischer*
det B. Alverson, 1985
- 6435 ✓✓✓ 12 Leguminosae Tree 8m, young fr green *Quararibea sp.*
Det M. Freitas, 1971
- 6436 ✓✓✓ 12 Gramineae Creeping a. with new green stems *Sclerobium chrysophyllum*
Det HSI, '69 Poepp. & Endl.
- 6437 ✓✓✓ 12 Piper Shrub 1m tall; infl pendulous *Peperomia sp.*
det R. Calligas, 1979
- 6438 ✓✓✓ 12 Virola Tree 20m x 20 cm diam, fls brown *Virola elongata (Benth.) Warb.*
det W. Rodrigues, 1980
- 6439 ✓✓✓ 12 Rubiac Liana, fr brown *Uncaria guianensis (A. B.) Gmel.*
Det. J. Greuter, 1976
- 6440 ✓✓✓ 12 Iryanthera Tree, 30m x 40 cm diam; fls green *Iryanthera elliptica Ducke*
Det. W. Rodrigues, 1985

- 6441 ^{✓✓} 12 Melastomac Treelet 5 m ; fruit yellow
- 6442 ^{✓✓} 8 Piper shrub 1 m tall , infl erect
- 6443 ^{✓✓} 12 Euphorbiac Treelet 5 m ; fl & young fr green
- 6444 [✓] 2 Hymenophyllac Terrestrial
- 6445 ^{✓✓} 9 Pteridophyte Terrestrial with creeping rhizome
- 6446 ^{✓✓} 10 Leonia Treelet 5 m ; fr yellow
- 6447 [✓] 8 Rubiac shrub 1 m tall , fruit red
- 6448 ^{✓✓} 12 Burserac Tree 10 m x 15 cm diam ; buds green
- 6449 ^{✓✓} 12 Guttiferac Tree 12 m x 10 cm diam ; fruit exterior green interior scarlet , cream latex
- 6450 [✓] 5 Gramineac Stems solitary or in small clumps
- 6451 ^{✓✓} 12 Gramineac In clumps, stems aching, mature fr black in disturbed patch of forest
- 6452 ^{✓✓} 12 Sapotac Tree 6 m ; young fr green
- 6453 [✓] 7 Pteridophyte Terrestrial growing in clumps in swamp forest
- 6454 ^{✓✓} 10 Gramineac Caespitose
- 6455 ^{✓✓} 12 Meliac Tree 20 m x 40 cm diam ; fr red , seed bright orange-red
- 6456 ^{✓✓} 12 Annonac Treelet 4 m , buds brown

Miconia cf. *woytkowski* Wurdack
det. J. Wurdack, 1997

Miconia sp.
Det J. Wurdack, '69

Piper sp.
det. R. Calles 1979

Aparisthium cordatum
(Juss.) Balle - Det W. A. Rodriguez 1973

Trichomanes vittaria DC
Det J. T. Mickel, 1970

Adiantum cagannense Kl.
det. L. Stehlé 1973

Leonia cymosa Mart.
Det W. Rodriguez, 1968

Margaritopsis cf. *inconspicua*
det. C. Taylor, 2001

Psychotria sp.
Psychotria sp. *psychotria*
det. J. Kuhnelt 1980

Protium robustum (Swartz)
Porter - Det M. Porter 1973

Ocynia latifolia L.
Det M. Davides, 1973

Lasiacis ligulata Hitchc & Chase
Det. M. Davides 1973

Matayba steinbachii Melchior
Det. J. T. P. 1969

Lindsaea lancea (L.) Beddome
Det J. T. Mickel, 1970

Streptogyna americana
C. E. Hubb - Det M. Davides 73

Guarea gomma Pille
Det TD Pennington 1980

Guarea gomma Pille
Pennington 1980

- 6457 ✓ 9 Araceae Climber; spathe green
- 6458 ✓✓ 12 Leguminosae Tree 20m x 25 cm diam
- 6459 ✓ 12 Rafflesiaceae Growing on prop roots
- 6460 ✓ 1 Sapotaceae Treelet 1.5m, fls red soil black with white aril
- 6461 ✓✓ 12 Dilleniaceae Liana; fls yellow.
- 6462 ✓✓ 12 Bignoniaceae Liana, corolla tube white outside, yellow inside; lobes pale purple
- 6463 ✓✓ 12 Hippocrateaceae Liana; fls green
- 6464 ✓✓ 12 Ouratea Tree 15m x 15 cm diam, corolla yellow
- 6465 ✓✓ 12 Hippocrateaceae Tree 10m x 10 cm diam, fls grey
- 6466 ✓✓ 13 Violaceae West bank of Rio Madeira 2 km above Ribeirão, Bolivia Forest on T.f
Treelet 2m, fls white
- 6467 ✓✓ 13 Hirtella racemosa Treelet 3m; corolla purple; filaments purple with white bases, young fls scarlet
- 6468 ✓✓ 13 Hirtella Tree 6m, corolla white, filaments purple
- 6469 ✓✓ 6 Gramineae Growing in small clumps
- 6470 ✓✓ 13 Inga Tree 18m x 25 cm diam; corolla green, filaments white
- 6471 ✓✓ 6 Rubiaceae Herb to 30 cm tall, corolla mauve

It is not Rafflesiaceae according to Dr. Verlan de Duarte seems to be some subepidermic pycnids of *Sphaeronomum* sp. *Anderson pinnatifidum* Kunth - det O. Nicholson 1973

IDA DE VATTIMO

#6459

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young fls green

✓ thrown away,
Shirley Reid
1978✓ *Sclerolobium* sp.
Det HSI, '69This is a gall not a plant,
thrown away. J.T.P. 1970✓ *Paullinia cuneata* Radlk.
Det. J.T.P. 1970✓ *Davilla kunthii* Ste Hila
Det. K. Kubitzki, 1970✓ *Lundia*
Det D.R. Hunt 1972*Hippocratea volubilis* L.
det. J. P. Hedin, 1999✓ *Leonia glycyarpa* Ruiz & Pavon
det W. H. A. H. 1971

July 26, 1968

✓ *Hirtella racemosa* Lam. var.
racemosa Det J.T.P. 1968✓ *Hirtella tocostana* DChe
Det. J.T.P. 1968✓ *Olepa latifolia* L.
det P. Dahmer 1973✓ *Goya leucalypha* Benth.
det J. G. 1970
*Ruellia**Ruellia nitida* (Nees) Wassch. & J.R. Woods
det. J.R. Woods, 2000

- 6472 ✓ 13 Combretac liana; mature fr maroon forest on T.f.
- 6473 ✓ 13 Cassia Tree 20 m x 25 cm diam; corolla yellow
- 6474 ✓ 13 Jacaranda Tree 10 m x 10 cm diam; calyx dark blue; corolla blue, flowering in leafless condition
- 6475 ✓ 13 Licania Tree 6 m; fls pale green
- 6476 ✓ 13 Boraginac Tree 25 m x 20 cm diam; infl to 45 cm long, clustered and much branched; corolla white
- 6477 ✓ 13 Petrea liana; calyx pale whitish-green
- 6478 ✓ 6 (Fungus) Growing on dead log; light brown coloured
- 6479 ✓ 13 Euphorbiac liana; fls green
- 6480 ✓ 13 Melastomac Treelet 4m with scandent trailing branches; ^{marlierea cf subulata} ^{me vaugh} ^{young fr green}
- 6481 ✓ 13 leguminosae liana; calyx dark red; corolla purple, upper lobe with yellow centre & white exterior
- 6482 ✓ 13 ? Solanac Treelet 4m; young fr green
- 6483 ✓ 13 Malpighiac liana; corolla and glands yellow
- 6484 ✓ 13 Gramineae Solitary arching stems
- 6485 ✓ 13 Piper Shrub 1m tall; infl erect
- 6486 ✓ 13 Myrtac Treelet 1m tall; young fr green
- 6487 ✓ 3 Rubiac Treelet 3m; fruit yellow

- ✓ Combretum laxum Jacq.
Det A.W. Exell, '69
- ✓ Cassia lucens Vog
Det. H.S. Irwin, '69
- ✓ Jacaranda
Det P.R. Hunt 1972
- ✓ Licania canescens R. Bon.
Det J.T.P., 1962
- ✓ Cordia alliodora (R. & P.) Oken
ex N. Agostini, 1970
- ✓ Petrea magnensis Huber
Det Moldenke, 1969
- ✓ Omphalea diandra L.
det Jh. Webster 1977
- ✓ ^{me vaugh} ^{cf Marlierea}
Det R. Mc Vaugh 1972
- ✓ Derris cf. Amoronica Killip
Det H.S. Irwin 1970
- ✓ Siparuna decipiens (Tul) A. DC.
ex S.R. Jell 1973
- ✓ Banisteriopsis vaudanii Gates
det B. Gates 1979
- ✓ Schreberia ^{me vaugh}
det H. Doudley 1973
- ✓ Piper guranianum Yendo
det R. Callyas 1979
- ✓ Calyptrothoe bipennis Berg.
Det R. Mc Vaugh 1972
- ✓ Posoqueria panamensis (Walp. & Duch.)
Walp. subsp. grandiflora (Korst.) Steyerim. Det. Steyerimark, 1969

- 6488 ✓✓ 8 Annonac Treelet 4m ; fl buds yellow forest - inf.
- 6489 ✓✓ 13 Violac Treelet 3m ; fls cream
- 6490 ✓✓ 13 Iryanthera Treelet 14m, fls green
- 6491 ✓✓ 13 Burserac Tree 8m ; buds green
- 6492 ✓✓ 9 Nyctaginac_{no} Tree 10m x 10 cm diam; young fl green
- 6493 ✓✓ 13 Inga Tree 20m x 25 cm diam; corolla green; filaments white
- 6494 ✓✓ 7 Neea_{VS} Treelet 5m ; fls brown
- 6495 ✓✓ 13 Hirtella Tree 10m x 8 cm diam, inf slightly pendulous ; corolla white, filaments purple with white bases
- 6496 ✓ 2 Gurara Vine, calyx red, corolla yellow
- 6497 ✓✓ 13 Cassia Treelet 3m ; corolla yellow
- 6498 ✓✓ 13 Meliac Tree 15m x 15 cm diam, fruit reddish brown, seed bright orange-red *Guarea gomma pulle* det Pennington 1979 Fr sep
- 6499 ✓✓ 9 Acanthac Subshrub to 3m tall, corolla scarlet, bracts green
- 6500 ✓ 2 Heliconia 80 cm tall ; flowering stems separate from leaf stems, bracts red fls orange
- 6501 ✓✓ 13 Acanthac Herb 30 cm tall
- 6502 ✓✓ 13 Piper Treelet 3m ; inf erect

Annona?

Rinorea pusiflora (Kenth.) Sprague
Det W.H.A. Heekeren 1973 & Sandwith

Iryanthera juruensis Warb.

Det. J. T. P. 1969

Protium robustum (Swart)
Porter - Det. 10 m Porter 1973

Neea sp.
det. L. Y. Th. Westra 1984
Swartzia nerioides (Nette) Lundell?
det. R. Liesner, 1990

Inga edulis Mart.

Det T. Elias, 1970

Neea sp.
det. L. Y. Th. Westra 1984

Hirtella eruvra Benth.

Det. J. T. P. 1969

Gurara *lincolnia* Cogn
Det. C. Jeffrey 1974

Cassia fruticosa Mill.

Det. H. S. Irwin, '69

July 27, 1978

Guarea ~~gomma~~ ^{gomma} pulle.

Det TD Pennington 1980

Pachystachys riedeliana Nees

Det Wasshausen '69

Heliconia densiflora

Verlot det. M. Emygdalis

Jacobinia sp

Piper arboreum var *latifolium*
(C. DC) Guncher det R. C. G. 1979

6503	✓ 4	Rubiaceae	shrub 1 m tall, young frs green		
6504	✓✓ 13	Tapura	Tree 6 m; fr green		subsp. guianensis var. guianensis Det. Steyermark, 1969
6505	✓✓ 12	Hirtella	1 km north of Ribeirão Preto, road A Treelet, 2 m tall. Calyx green, corolla light purple, style and stamens dark blue, white at base. Young frs. pink	Forest on t.f. unit to Guajará-Mirim	July 26, 1958 Hirtella racemosa Lam. var. racemosa Det. J.T.P., 1969
6506	✓✓ 12	Rubiaceae	Tree, 15 m x 15 cm. diam. Young frs. green		Warszewiczia schwackei Schum. Det. Steyermark, 1969
6507	✓✓ 12	Violaceae	Tree, 8 m. Fls. and young frs. pink		Rinoreaocarpus ulei (Mutch.) Ducke det. D. Coelho 1987
6508	✓✓ 12	Inga	Tree, 15 m x 10 cm. diam. Corolla and anthers pale green, filaments white		Inga edulis Mart. Det. T. Elias, 1970
6509	✓✓ 12	Melastomaceae	Tree, 8 m. Frs green		Bellucia cf. circumscissa Sprague & Cogn. Det. J.J. Wurdack, '69
6510	✓✓ 12	Croton	Treelet, 10 m. Calyx green, frs. green		Siparuna decipiens (Tul.) A. DC. det. J. Kallunki, 1997
6511	✓✓ 12	Melastomaceae	Shrub. Buds green, white, frs. luscant.		Miconia nervosa (Sm.) + rana Det. J.J. Wurdack, 1969
6512	✓✓ 12	Licania	Tree, 6 m x 7 cm. diam. Young frs green		Licania octandria (Hoffm.) Benth. Kuntze subsp. pallida (Hook f.) Prance Det. J.J. Wurdack, 1969
6513	✓✓ 12	Lauraceae	Treelet, 4 m. Cupule dark green, frs green with a light gray waxy covering		Isertia hypoleuca Benth. Det. Steyermark, 1969
6514	✓✓ 12	Rubiaceae	Tree, 8 m. Calyx pinkish green, corolla exterior orange, interior yellow		Psychotria nudiceps Standl. vel aff. Det. Steyermark, 1969
6515	✓✓ 6	Rubiaceae	Shrub. Frs. red		
6516	✓✓ 12	Inga	Tree, 20 m x 15 cm diam. Calyx and anthers green, corolla pale green, white, greenish white	MS sheet det by A.S.L. de Silva as Inga macrophylla	Inga bracteosa. Det. J.J. Wurdack, 1969
6517	✓✓ 12	Leguminosae	Tree, 20 m x 25 cm. diam. Frs green, becoming brown with age		Cassia fastuosa var. calva Irwin & Barneby

6518	✓✓✓ 12	Annonaceae	Tree, 15 m x 15 cm diam. Frs. whitish pink	greyish green, branches of flowers	GUATEMALA DET: U. SCHARF, 2001
6519	✓✓✓ 12	Leguminosae	Tree, 4 m x 10 cm diam. Frs. green	Stryphnodendron pulcherrimum (Willd.) Hoch. det. J. Grimes, 1989	Acacia sp. Det H.S. Irwin, 1969
6520	✓✓✓ 12	Meliaceae	Tree, 20 m x 21 cm diam. Frs. fruiting in leafless condition	olive green with brown spots. Frs. sep. (fruit only no leaves)	genus need TD Pennington 1982
6521	✓✓✓ 12	Rubiaceae	Shrub. Frs. black		Psychotria prunifolia (H.B.K.) Steyermark. Det. Steyermark, 1969
6522	✓✓✓ 12	Myrtaceae	Treelet, 5 m tall. Buds green	Fls. white	Myrcia Det. R. McVaugh 1972
6523	✓✓✓ 12	Apocynaceae	Tree, 15 m x 10 cm diam. Calyx white. White latex	and corolla tube green, corolla white	Lacmellea arborescens (Al. Ang.) N. S. P. var. monosperma (M. Arg.) M. G. F. Det. F. Markgraf, '69
6524	✓✓✓ 10	Sapindaceae	Treelet, 8 m. Frs. red, seeds black	with white curl	Pseudima frutescens (Aubl.) Radlk. Det. J. T. P. 1969
6525	✓✓✓ 12	Euphorbiaceae	Tree, 7 m x 10 cm diam. Calyx brownish white, corolla cream. White		Thyrsodictyon cf. parvum Huber Det. D. Porter 1970
6526	✓✓✓ 12	Dialypetalum Rubiaceae	Tree, 20 m x 15 cm diam. Frs. green. Frs. brownish green		Dialypetalanthus fuscus Kuhn. Det. Steyermark, 1969
6527	✓✓✓ 12	Gramineae	Growing in small clumps		Streptogramma americana C. E. Hubb. Det. P. Dauden, 1973
6528	✓✓✓ 12	Heisteria	Tree, 10 m x 20 cm diam. Frs. red. Frs. white		Heisteria spruceana Engl. Det. H. Steyermark, 1970
6529	✓✓✓ 12	Leonina	Tree, 6 m. Calyx green, corolla yellow or green		Leonina glycyarpa R. & P. det. D. Coelho 1987
6530	✓✓ 8	Leguminosae	West bank of Rio Madeira. Tree, 15 m x 15 cm diam. Fruit scarlet	3 km above Ribeirão, Bolsona forest	Jul 27, 1968 Dopafera mulleriana (Lag.) det. D. Coelho
6531	✓✓✓ 13	Iryanthera	Tree 10 m x 10 cm diam. blood red sap	canthiflorous x ramiflorous, no leaves	Iryanthera ulii Worob. Det. J. T. P. 1961
6532	✓✓✓ 17	Licania	Tree 25 m x 60 cm diam, yellow brown, flowers		

332 11 cooked meat, bark smooth, slash reddish brown, wood white

6533 13 *Inga* Tree 8m x 10 cm diam, corolla green, filaments white

6534 13 *Tillia* *Apeiba waco petala* Ducke, det. L.T. Davis, 2004
Tree 12m x 15 cm diam, green

6535 13 *Amorac* Tree 18m x 15 cm diam, fr green, seeds black

6536 13 *Cordia* Tree 8m x 10 cm diam, fr dark green

6537 13 *Melia* Tree 10m x 12 cm diam, fruit red

6538 4 *Sapindac* Tree 5m, fruit scarlet

6539 13 *Acanthac* Herb to 1m tall, fruit red

6540 13 *Pteridophyte* Terrestrial growing in clumps

6541 13 *Pteridophyte* Terrestrial growing in clumps

6542 13 *Peperomia* Growing over rock, green, peduncle red

6543 12 *Tiliaceae* Island in Rio Madeira almost opposite Misericórdia, Brazil
Treelet, 2m tall. Calyx pale green, petals white, anthers yellow

6544 12 *Convolvulaceae* Vine, calyx green, corolla white

6545 12 *Passifloraceae* Vine, calyx green, corolla white

6546 12 *Araceae* Terrestrial. Spathe yellow, ovary red

Inga frutescens (MG sheet det AS. L. Silva as *Inga macrophylla*)

Apeiba echinata Gaertn. - det M.F. Silva '72

Xylopia amara R.G. Fries del Oliveira, 1980

Cordia ucayaliensis Johnston det S.R. Hill, 1972

Trichilia quadrifida Kunth Det. T.D. Pennington 1980

Pseudima frutescens (Aubl.) Radlk. Det. J.T. Mickel, 1970

Dicliptera sericea Nees Det Wasshausen '69

Sadleropsis affinis Sw. Meib. det Michel & Alchert, 1980

Cyclopeltis semicordata (Sw.) J. Sm. Det J.T. Mickel, 1970

Peperomia circinata Link. det E. Neumayer & C. Nees '74

Peperomia integrifolia (L.) Mez det M.E. Naud & Keig 1981

Ipomoea alba L. det D. Austin 1980

Calpogonium caeruleum (Bth.) Savat. Det. H.S.I. '69

Monstera obliqua (Miq.) Wieg. det D. Meadon 1975

- 6547 [✓] 12 *Amaranthaceae* (Chamissoa) Vine. Perianth green, becoming purple with age, stamens white, ovary cream, frs. purple
- 6548 [✓] 12 *Leguminosae* Tree, 10 m x 10 cm diam. Young frs. green
- 6549 [✓] 12 *Tiliaceae* Tree, 20 m x 50 cm diam. Calyx pink, bracts pubescent, corolla red, frs. green or brown, with red and yellow appendages
- 6550 [✓] 11 *Piperaceae* Shrub, to 3 m tall. Foliage green, erect.
- 6551 [✓] 12 *Sapindaceae* Tree, 7 m x 10 cm diam. Frs. green
1 km SW of Ribeirão, road to P. de S. João
- 6552 [✓] 12 *Malvaceae* Tree, 15 m x 10 cm diam. Frs. green
- 6553 [✓] 12 *Tiliaceae* Shrub, 1 m tall. Perianth greenish white, filaments white with red base, corolla red, white petals, style white, stigma green, anthers red
- 6554 [✓] 12 *Malvaceae* Shrub, 2 m tall. Frs. green, tinged red
- 6555 [✓] 12 *Flacourtiaceae* Shrub, 1.5 m tall. Frs. green, and style white, anthers dark brown, ovary green
- 6556 [✓] 12 *Leguminosae* Tree, 10 m x 20 cm diam. Calyx, corolla and anthers green, filaments and style white. Young frs. green
- 6557 [✓] 12 *Dictyoloma* Rutac Tree, 5 m tall. Frs. green
- 6558 [✓] 12 *Papilionaceae* Treelet, to 5 m tall. Calyx green, petals purple, corolla violet
- 6559 [✓] 12 *Couepia* Tree, 5 m tall. Calyx green, petals and style white, anthers cream.
road Abundant to Guajará-Mirim
- 6560 [✓] 12 *Euphorbiaceae* Shrub, 2 m. Frs. green
1 km south of Ribeirão, 200 m of Rodovia
- 6561 [✓] 12 *Sapindaceae* Vine. Perianth and petals pale

- Chamissoa altissima* HBK
var. *pubella* - Det. S.H. Sohmer 1975
- Acacia lorentensis* Macbr.
Det HSI, '69
- Guazuma crenata* Mart
Det. W. Meijer 1972
- Piper tuberculatum* Jacq.
Det. E.F. Guimarães 1975
- Matayba steinbachii* Melchior
Det. J.T.P. 1969
July 27, 1968
- Miconia goeppigii* Triana
Det. J.T.Wurdack
- Secondary growth along road
- 6553 *Riparia speciosa* (Sandoz) Monach. var. *subuliflora* Det. H. Sleumer, 1972.
- Riparia canescens* Ledeb.
Det. H. Sleumer 1980
- Myrcia galloway* (Rich) DC.
Det. R. McVaugh 1976
- Casuarina javitensis* HBK
Det. H. Sleumer, 1970
- Pithecellobium jupunba*
Det. HSI, '69
- Dictyoloma incanescens* DC.
Det. R.S. Cowan, 1973
- Machaerium aristulatum* (Spruce ex Benth) Ducke Det. V. Rudd 1972
- Couepia paraensis* (Mart. & Zucc.) Benth
subsp. *glaucescens* (Spr. ex Hook.f.) Prance
July 27, 1968
- Aparistichium cordatum* (Juss) Baill
Det. Pank. 1978
- Merremia macrocalyx* (Ruiz & Pavon) O'Donell
Det. G. Staples, Dec. 1977
- Merremia glabra* (Aubl.) Hall.f.
Det. C.R. Julian 1972
- Sporobolus cf. glabra* (Aubl.) Moench
Det. K. Becker, 1971

- 6562 12 Connaraceae
MO, V.S.H. Shrub Calyx green corolla white
- 6563 12 Theobromaceae
Theobroma sp. Tree, 15 m x 6 cm diam. Fls. purple, fruit red, leaves white
- 6564 12 Rubiaceae Tree 20 m x 25 cm diam. Calyx redish, frs green *Capirona decorticans*
Spruce det Kirkbride, 1984
- 6565 12 Cassia Treelet, 6 m. Calyx and petals yellow, anthers pale brown, pistil green
- 6566 12 Boraginaceae Treelet, 6 m. Calyx yellowish, filaments and pistil white, anthers brown
- 6567 6 Solanaceae Shrub, 2 m. Calyx red corolla white, anthers yellow, frs green
- 6568 12 Combretaceae Vine. Frs. green
- 6569 12 Euphorbiaceae Treelet, 7 m. tall. Calyx exterior dark brown, interior green, corolla purple, frs green
- 6570 5 ? Shrub, 2 m. Calyx and frs green
- 6571 3 Euphorbiaceae Shrub, 2 m. Erect inflorescences green
- 6572 7 ~~Euphorbiaceae~~ ^{Morac.} Treelet, 3 m. Frs. purple, inflorescence branches, red
- 6573 8 Euphorbiaceae Shrub, 2.5 m. Young inflorescence erect, pale green
- 6574 12 Cecropia Tree, 15 m x 15 cm diam. Inflorescence grey, fls. white. With ant sprouts on the stems
- 6575 12 Rubiaceae Tree, 10 m x 20 m. diam. Calyx green corolla white, anthers brown
- 6576 12 Sapotaceae Treelet, 6 m. Calyx dark brown, corolla and branches greenish white, pistil green

? *Bernardinia* sp.
det. E. Forero 1972

T. speciosum Willd. ex Spreng. det. L. Dorr 1967
Theobroma speciosa - det. R. de Souza
Secco - MG sheet

Coretoea peruviana Standl.
Det. Stoyermarck, 1969

Cassia lucens Vogl.

Det. H.S. Irwin, 69
Cordia cf. silvestris Fresen.
Det. J.P. Hall 1972

Solanum? pass. *Cyphomandra*
Det. M. nec, 1972

Solanum leucocarpum Dunal. det. S. Knapp 1987
Solanum frangulaefolia
(Schult.) Radlk. - Det. B.T. France '72

Vismia benerghii v.d. Berg
det. N. Robinson, 2000

Brumelia grandiflora Berg
grandiflora - Det. T. P. Brown 1973

Piper arboreum Aubl. var.
arboreum - Det. E. F. GUIMARÃES, 1975

Dorocaea hirtella Wedd. ex A. J. A. Akkermans: Berg
det. C.C. Berg 1975

Piper dilatatum
det. R. Callegas 1979

Cecropia det. C.C. Berg 1975
CECROPIA PALMATA WILLD.
DET. C.C. BERG, 1976, 92

Genipa spruceana Stoyerm.
Det. Stoyermarck, 1969

Micropholis egensis Pierre
Det. J.M. Pina 1971 also with Berg 1972

- 6577 ✓✓ 12 Leguminosae Tree, 11 m x 30 cm. diam. Frs. green.
- 6578 ✓✓ 12 Mabea Vine Frs. dark red and green.
- 6579 ✓✓ 12 Leguminosae Treelet, 5 m. Frs. green. ✓ C. amo. f. ar. det. PC for 1975
- 6580 ✓✓ 12 ~~Euphorbiaceae~~ ~~Mimosa~~ Vine Calyx green, corolla green, yellow. ✓ ~~Heisteria spruceana~~ Engl. det. Schlechter 1970. ✓ ~~Heisteria spruceana~~ Engl. det. H. Sleumer, 1970. 1 B.A.F., 1971
- 6581 ✓✓ 12 Liriosma Treelet, 5 m. Fls. green. ✓ Heisteria spruceana Engl. det. H. Sleumer, 1970
- 6582 ✓✓ 9 Hippocrateae Vine Calyx green, corolla white.
- 6583 ✓✓ 12 Leguminosae Vicinity of Cachoeira Madeira, Rio Madeira Subshrub to 1 m tall, corolla yellow with red venation. muddy river bank
- 6584 ✓✓ 12 Amaranthaceae fleshy trailing herb, fl. white. ✓ ~~Althaea ficoides~~ (L.) M. det. J. de B. Aug. 1979
- 6585 ✓✓ 12 Compositae Vine, fls. white.
- 6586 ✓ 4 Cyperaceae Caespitose herb. Cyperus odoratus (L.) (var. eggersii) det. G. Tucker, 1991
- 6587 ✓ 4 Cyperaceae Caespitose herb. " " ✓ Mariscus hermaphroditus det. T. Koyama, 1978
- 6588 ✓✓ 12 Polygonaceae Herb to 60 cm tall, stems fleshy, corolla white. ✓ Polygonum sp. det. M.F. Silva 1972
- 6589 ✓✓ 12 Salicaceae Tree to 4 m tall, fls & fr. green. ✓ Salix sp. det. M.F. Silva 1972
- 6590 ✓✓ 8 Leguminosae Vine, corolla yellow.
- 6591 ✓✓ 12 Cyperaceae Caespitose herb. ✓ Cyperus imbricatus Retz det. T. Koyama, 1978
- ✓ Macrobium acaciaefolium (Benth.) Benth. - Det. R.S. Cowan '73
- Mabea sp. det. G. Webster 1986
Mabea anomala Muell. Arg., 1991
det. H.-J. Esser, 1993
- ✓ Clitoria amazonum Mart. ex Bth
Det HSI, 69
- ✓ Anomospermum reticulatum (Mart.) Eichl. Det Barneby 1971
- ✓ Aptandra spruceana Miers ex descr.
Det H. Sleumer
- Tontelea ovalifolia (Miers) H.C. Smith
det. A. Mennega, 1989
July 30, 1968
- ✓ Deschynomene serotina Su.
Det V. Rudd 1972
- ✓ ~~Althaea ficoides~~ (L.) M. det. J. de B. Aug. 1979
- ✓ Mikania congesta DC.
Det G.M. Barroso '69
- ✓ Cyperus sp.
det. T. Koyama, 1978
- ✓ Polygonum sp.
det. M.F. Silva 1972
- ✓ Polygonum hispidum HBK
det. L.A. Holzner 1970
- ✓ Salix humboldtiana Willd.
Det. J.T.P. 72
- ✓ Vigna luteolata (Jacq) Benth

- 6592 ✓ 1 Solonac Herb 70 cm tall; corolla tube white, lobes brown UNICATE
- 6593 ✓✓ 3 Acanthac West bank of Rio Madeira between Cachoeira Misericórdia & Cachoeira Madeira - Bolivia forest on t.f. subshrub to 1.5m tall, bracts calyx maroon, stamens white
- 6594 ✓ 2 Sterculiac Treelet 2.5m, cauliflorous, fr. green ! M. Freitas 1970
- 6595 ✓ 1 Orchidac Epiphyte, fr. green
- 6596 ✓✓ 8 Pontederiac Floating aquatic, corolla pale maroon, upper lobe with yellow spot surrounded by blue patch
- 6597 ✓ 1 Labiatac Herb growing on floating log, corolla pale purple det. Moldenke, 1970
- 6598 ✓ 2 Araceae Epiphyte, spathe red, spadix dark maroon forest on t.f.
- 6599 ✓✓ 8 Pteridophyte Terrestrial growing in large clumps
- 6600 ✓✓ 13 ? Menispermaceae Liana: fruit brown
- 6601 ✓✓ 13 Sapindac Tree 5m, fr. scarlet, seed black
- 6602 ✓✓ 3 Bromeliac Epiphyte, young bracts tinged reddish fr. green
- 6603 ✓✓ 12 Orchidac Epiphyte; fr. green
- 6604 ✓ 6 Orchidac Epiphyte, corolla yellow, fr. green
- 6605 ✓✓ 13 Peperomia Epiphyte; infl. green, pedicels red
- 6606 ✓✓ 11 Orchidac Epiphyte, corolla dark maroon

- ✓ *Nicotiana plumbaginifolia* Viv. det. S.R. Hill 1973
- July 29, 1968
- ✓ *Suessenguthia* sp.
S. leucerythra (Leonardt Smith) Wassh.
det. D. Warshausen, 1999
- ✓ *Herrania mariae* (Mart.) Decaisne
ex Goudot. Det. C. Cristóbal '70
- ✓ *Epidendrum anceps* Jacq.
Det. Pabst '69
- ✓ *Eichornia crassipes* (Mart.) Solms-Laub. Det. J.T.P. '69
- ✓ *Alpinia alba* var. *globiflora* (L'Hér.) Moldenke
det. D.H. Nicolson 1972
- ✓ *Cyclopeltis semicordata* (Sw.) J. Sw. Det. M. Silva 1971
- ✓ *Anomospermum grandifolium* Eichl.
Det. B.A. Kuhli '69
- ✓ *Pseudima frutescens* (Aubl.) Radlk.
Det. J.T.P. 1969
- ✓ *Tillandsia juncea* (R + P) Corr.
Det. L.B. Smith '69
- ✓ *Epidendrum regium* Jacq.
Det. G. Pabst 1970
- ✓ *Lockhartia goyazensis* Reiche
Det. G. Pabst 1970
- ✓ *Peperomia circinata* Link
Det. E. Guimaraes & C. Hill 1974
- ✓ *Epidendrum anceps* Jacq.
Det. J.T. P. 1970

- 6607 ✓✓ 13 Laurac Tree 20m x 30 cm diam; fl & cupule green
- 6608 ✓✓ 13 Iryanthera Treelet 5m, fl brownish cream
- 6609 ✓✓ 13 Tapura Tree 10m x 10 cm diam buds white
- 6610 ✓ 6 Rubiac Treelet 3m, buds green
- 6611 ✓✓ 13 Ficus Tree 8m x 10 cm diam, fl green, white latex
- 6612 ✓ 6 Pteridophyte Terrestrial growing in damp
- 6613 ✓✓ 11 Melastomac Shrub 50 cm tall, fl green, leaf underside reddish
- 6614 ✓✓ 13 Triplaris Treelet 4m, fl white
- 6615 ✓✓ 13 Inga Shrub 4m, corolla green, filaments white
- 6616 ✓ 5 Scrophulariac Herb, corolla white with pale purple markings
- 6617 ✓✓ 12 Laurac Shrub 4m tall, infl branches x Pelicor red, corolla white
- 6618 ✓✓ 10 Mimosa subshrub trailing, fl pink
- 6619 ✓✓ 12 Triplaris Tree 6m, calyx white, fl green
- 6620 ✓✓ 12 Cyperac Caespitose herb
- 6621 ✓✓ 12 Cyperac Caespitose herb

N. membranacea (Sw.)
Briese. det. J. Rohrer
N. furbacensis (HBK) Nees
det. Rohrer 1993

Nectandra pichurim (HBK) Mg
det. Allen & Barnely 1974

Iryanthera ulei Warb.

Det. J. T. P. 1969

Jacura americana Poe.
det. J. T. P. 1969

Sanchezia putumayensis Leonard
det. D. Wasshausen, 1997

Ficus trigona L.f.
det. E. C. Burg 1977

Adiantum latifolium Lam.
det. J. T. Mickel, 1980

Tibouchina longifolia (Vahl) DC.
det. J. T. Wurdack, 1969

Triplaris pyramidalis Jacq.
det. J. T. Wurdack, 1969

Argemone punctata
det. J. T. Wurdack, 1969

Nectandra lucida Nees
July 30, 1968
det. J. Rohrer 1985
Nectandra schomburgkii Meisn.
det. J. Rohrer 1993
N. paucinervis Co-Teixeira
det. J. Rohrer 1993

Mimosa pigra L.

Det. H. S. I. '69
Triplaris schomburgkiana
Berth. det. R. A. Howard 1976

Fimbristylis vahlia (Lam.) Kt.
det. T. Koyama, 1978, 1983

Hemicarpha mirantha Vahl
det. T. Koyama, 1978
H. micrantha Pal det. J. T. Wurdack, 1969

- 6622 ✓ 4 Cyperac Caespitose herb
- 6623 ✓ 5 Cyperac Caespitose herb
- 6624 ✓✓ 12 Peperomia Epiphyte, infl green, peduncle red
- 6625 ✓✓ 12 ~~Tiliac~~ Lindackeria sp Treelet 4m
- 6626 ✓✓ 12 Jussiaea Herb to 1m tall, corolla yellow
- 6627 ✓✓ 8 Triplaris Treelet 3m; fls white
- 6628 ✓✓ 12 Bignoniac Liana; calyx reddish at base, w above; Corolla pale purple
- 6629 ✓✓ 12 Menispermac Liana, fls reddish brown
- 6630 ✓ 3 Passiflora Vine; mature fr orange
- 6631 ✓ 3 Zingiberac Stems to 3m long, arching, bracts green, fls orange
- 6632 ✓✓ 9 Annonac Treelet 3m, buds white
- 6633 ✓✓ 10 Malpighiac Liana, calyx dark brown, bracts corolla yellow
- 6634 ✓✓ 12 Passiflora Vine, corolla bright red
- 6635 ✓✓ 12 Menispermac Treelet 3m; fr yellow
- 6636 ✓ 3 Myrtaginac Treelet 1m; buds reddish

- muddy river bank
- ✓ *F. miliacea* (L.) Vahl det. Koyama 1983
- ✓ *Fimbristylis* sp det. Koyama 1983
- ✓ *Fimbristylis autumnalis* (Retz.) Vahl det. T. Koyama, 1978
- ✓ *Fimbristylis squarria* Vahl det. T. Koyama, 1978
- ✓ *Peperomia circinata* Link Sw. E. Guernsey & C. J. Laro 1974
- ✓ *Guayanaa ulmifolia* Lam Sw. W. Meijer 1972
- swamp forest
- ✓ *Ludwigia affinis* (R.) Hara Det. PH Raven 1971
- ✓ *Triplaris schomburgkiana* Benth det. CA Howard 1976
- river bank
- ✓ *Arrakulaca tuberculata* (DC.) Det. D. R. Hunt 1972
- Cucurbitaceae
- ✓ *Fevillea cordifolia* L det. C. Jeffrey 1982
- ✓ *Passiflora cf. capparidifolia* Killip. det. A. C. Cervi, 1998
- ✓ *Penealmia cernua* (Sw. ex R. & S.) Macbr. Det. P. J. M. Maas '69
- ✓ *Unonopsis lindmanii* R. E. Fries det. Maas & van Setten 1987
- ✓ *Mezia mariposa* W. R. Anderson det. W. R. Anderson 1997
- ✓ *Passiflora variolata* (L.) Endl. det. José da Costa Lima
- ✓ *Abuta sordwithiana* Kunt. & B. A. Kunt. 69
- ✓ *Neea* sp. det. Wastria, 1984

- 6637 ✓✓ 12 Bauhinia 1-2 km north of Ribeirão along road to Abunã
Vine, calyx ferruginous corolla white
- 6638 ✓✓ 12 Convolvulac ✓✓ Merremia macrocalyx (Ruiz & Pavon) O'Donnell - Det. G. Staples Dec. 1977
Vine, corolla white
- 6639 ✓✓ 12 Connaraceae MO. US. H
Shrub 1m tall
- 6640 ✓✓ 12 Violaceae
shrub 70 cm tall, fls. & fr. green
- 6641 ✓✓ 12 Solanac
shrub 2m tall, corolla blue
- 6642 ✓✓ 12 Bignoniac
Liana, corolla orange
- 6643 ✓✓ 12 Euphorbiac
Vine, fr. green
- 6644 ✓ 4 Cyathocac
Shrub 30 cm tall, fls. white 4-6 fronds
- 6645 ✓✓ 12 Myristicac
Tree 20m x 30 cm diam. fls. brown
- 6646 ✓ 2 Euphorbiac
Liana, fr. green
- 6647 ✓✓ 12 Melastomac
Liana, fr. green drying brown
- 6648 ✓✓ 12 Iryanthera
Tree 13m x 10 cm diam. fls. green
- 6649 ✓✓ 12 Sapindac
Tree 10m x 10 cm diam. fls. green
Protium opacum Swart.
var. opacum det. D. Daly 1986
- 6650 ✓ 4 Araceae
Epiphyte, spathe green
- 6651 ✓ 7 Rutaceae
Treelet 3m, corolla white

July 31, 1968

roadside

Bauhinia rubiginosa Bong.
det. A. Fonseca, 1977Merremia glabra (Aubl.)
Stall. f. - Det. C. R. Julien 1973
! Staples 1980Bauhinia guianensis Aubl.
Det. Arroyo 1972
Ipomoea glabra (Aubl.)
Choisy - Det. K. Becker, 1972? Bernardinia sp.
det. E. Forero 1972Ipomoea ovalifolia (Britton) Blatto
Det. W. H. A. Heikamp 1973Solanum subgen. LEPTOSETEMONUM
Det. M. T. Nee, 1972
Diplazis Schomburgkiana Boott
det. R. A. Howard 1976Pyrostegia dichotoma Merr.
ex K. Schum Det. D. R. Hunt 1972
Pyrostegia venusta (Ker-Gawl.) Miers
Det. A. A. Atchley 1972
Dalechampia tiliifolia Lam.
det. G. Webster 1986

Swamp forest

Cheilanthes procera (Willd.)
TRYON
det. Mickel & Reeves, 1980
Virola carinata (Aubl.) Wurd.
Det. W. A. Rodrigues 1972Adelobotrys cf. marginata Brade
Det. J. J. Wurdack, '69Iryanthera laevis Mgf.
Det. J. T. P. 1969Cupania sp.
Det. J. T. P. 1970Philodendron
Det. D. H. Nicolson, 1972Ticorea longiflora DC.
Det. R. S. Cowan, 1973

- 6652 ✓✓✓ 12 Leguminosae Tree 15m x 15 cm diam; fr. scarlet
- 6653 ✓✓✓ 12 Symphoria Tree 18m x 25 cm diam; corolla red
- 6654 ✓✓✓ 12 Piper Vine; infl white, erect
- 6654a ✓✓✓
- 6655 ✓✓✓ 12 Guttiferace Tree 10m x 8 cm diam; white latex
- 6656 ✓✓ 6 Hirtella Shrub 1m tall; corolla purple; filaments deep purple; inflorescence horizontal
- 6657 ✓ 5 ~~Con.~~ ~~Ternstroemia~~ Foothills of Serra do Mar - 12 km NNE of Guajará - Mirim. Between 200-400 m. alt.
- 6658 ✓✓✓ 12 Malpighiaceae Vine. Calyx glands purple; corolla yellow with purple; fls. purple
- 6659 ✓✓✓ 12 Vismia Treelet. Buds greyish, bracts persistent; anthers green
- 6660 ✓✓✓ 12 Piperaceae Herb, spikes pendulous, cream
- 6661 ✓✓ 6 Sapindaceae Vine Frs. green
- 6662 ✓ 5 Apocynaceae Shrub, to 50 cm tall. Fls. white, white latex
- 6663 ✓✓ 7 Cucurbitaceae Vine ~~Fls.~~ ^{Calyx} orange, corolla yellow
- 6664 ✓✓✓ 12 Rubiaceae Tree, 20 m x 25 cm diam. Fls. green
- 6665 ✓✓✓ 12 Viola Treelet, 6 m. Fls. yellowish or greenish brown
- 6666 ✓✓✓ 12 Annonaceae Treelet, 5 m. Frs. dark green

Swamp forest

~~Cheiloclinium cognatum~~ (Hiern) A.C. det. Pennington, 1980 ^{SMITH}

Capoeira

Capoeira

- ✓ *Copaifera multijuga* Hayne
det HST, 69
- ✓ *Symphoricarpos globulifer* F.
Det B. Maguire, 1969
- ✓ *Piper dactyloctenium* Yendo
det R. Calleyas 1979
- ✓ *Carapa punctulata* Ducke
Det. K. Kubitzki, 1972
- ✓ *Hirtella racemosa* Lam. var. *octandra* (Hoffm.) ex R. & S. Kuntze
Aug. 1, 1972
- ✓ *Ctenitis patens* (Afz.) Ching
Det. J. T. Mickel, 1970
- ✓ *Stigmaphyllon hypoleucum* May
det Anderson 1979
- Vismia gracilis* Hieron. (= *V. glaziovii* Buhl.)
DET: N. ROBSON, 2002
- ✓ *Piper humillimum* C. DC.
det R. Calleyas 1979
- ✓ *Mataeyba purgans* (P. E.)
Racet. det M. J. Silva 73
- ✓ *Anacampsis pendula* Mgf
m. sp.
- ✓ *Buraria insolita* Cogn.
det C. Jefferies 1974
- ✓ *Warszewiczia schwackei* Schumacher
Det. Stoyanov, 1969
- ✓ *Viola calophylla* Warb.
Det. J. T. P. 1969
- GUATTERIA
DET: U. SCHARF, 2001

- 6667 8 Inga Tree, 7 m. old calyx and corolla brown
- 6668 Y Araceae Terrestrial. Spadix white, smells like skunk cabbage
- 6669 12 Polygalaceae Vine. Frs green
- 6670 5 Passiflorae Vine. Fls. pink. Frs green with white spots
- 6671 12 Leguminosae Tree, 25 m x 50 cm diam. Calyx purple corolla - blue, young green
- 6672 11 Zingiberac. Herb to 1 m tall. Fls pink or orange
- 6673 12 Euphorbiac Tree, 8 m x 15 cm diam. Young frs greyish green
- 6674 12 Flacourtiac Summit of Serra dos Parais Novos, 12 Km NNE of Guajará-Mirim. 400 m. alt. Shrub Perianth green, stamens brown, ovary covered with white hairs
- 6675 3 Malpighiaceae Vine. Calyx & glands green, becoming yellow with age. Petals yellow, stamens cream, pistil green. Leaf underside brownish white
- 6676 12 Cistaceae Vine. Frs green, sticky.
- 6677 4 Ochnaceae Treelet. Calyx green, corolla yellow. Flowers yellow tinted brown
- 6678 5 ~~Begoniac~~ Asclepiadac Vine Frs pale green, white latex
- 6679 12 Papilionaceae Vine Calyx brown, corolla blue. Young frs white, then green. Young frs pale green, brown pubescent.
- 6680 12 Vochysiaceae Tree, 10 m x 40 cm diam Frs grey
- 6681 12 Sapotaceae Tree, 10 m x 25 cm diam. Calyx green, corolla whitish green, young frs green, white at brown pubescent - white latex

- UNICATE
- Inga rubiginosa DC
Det. T. Elias, 1970
- Philodendron
Det. D. H. Nicolson, 1972
- Securidaca sp (aff. S. lateral?)
Det. J. J. Wurdack, 69
- Passiflora variolata Poir.
Enal. det. José da Costa Lima 1982
- ^{eopsis} Vataireopsis speciosa Duke
det. Z. Bursley 1980
- Costus sprucei Maas sp. nov. ined.
Det. P. J. M. Maas, 1969
Siparuna decipiens (Tul.) A. DC.
det. J. Kallunki, 1997
- Aug 2, 1968
- Casuarina javiensis HBK
Det. H. Stenmer, 1970
- ^{Lophopteris} Lophopteris prancei TYPE
det. W. R. Anderson 8/70
- Lophopteris inpana W. R. Anderson
det. W. R. Anderson, 1990 TYPE
- Arrabidaea triplineria (DC)
Baill. ex Bur. det. A. Bently 1973
- Onate sp
Det. M. Silva 1971
- Disticella elongata
(Vahl) Urb det. A. Bently 1973
- Derris sp. [same, MT Arroyo, 1972]
Det. H. S. Irwin, 1970
- Qualea parviflora Mart.
det. M. L. Kawasaki, 1991
- Pouteria ramiflora (Mart.) Radlk.
det. T. Pennington, 1989

- 6682 12 Combretaceae Vine. Frs green, becoming brown with age
- 6683 12 Malpighiaceae Shrub Buds green
- 6684 12 Polygalaceae Shrub Calyx green, corolla white, young frs. green
- 6685 2 Tiliaceae Tree 7 m x 15 cm diam. Frs. green
- 6686 10 Melastomaceae Scandent. Calyx green with some red, young frs. green
- 6687 13 Papilionaceae Tree, 8 m x 10 cm diam. Calyx brown, corolla pink, young frs. green
- 6688 12 Nyctaginaceae Tree, 7 m x 15 cm diam. Frs. green
- 6689 12 ~~Euphorbiaceae~~ ^{OR} Shrub. Frs green, brownish purple pubescent
- 6690 12 Vochysia Tree, 6 m x 10 cm diam. Fls. yellow
- 6691 12 Leguminosae Tree, 20 m x 35 cm diam. Calyx brown, corolla yellow, anthers cream young frs. green, shining white pubescent
- 6692 12 ~~Leguminosae~~ Tree, 15 m x 20 cm diam. Branches and leaves green, flowers white
- 6693 12 ~~Apocynaceae~~ ^{Rubiaceae} Shrub. Frs. green, Calyx green, corolla cream
- 6694 12 Melastomaceae Tree, 8 m x 7 cm diam. Frs. yellow, young frs. green
- 6695 12 Fern Growing on rocks
- 6696 13 Gramineae Foot hills of road near road side. Frs. white. Growing in small clumps

Mollia heliodora sp.
Det. W. Meijer 1976

Diplospora thalassensis (Tul.) Bth.
det. Cuatrecasas de Lima 1981

Mabea angustifolia sp. ex Bth. det. G. Webster 1986

Alibertia acuminata (Benth.) Andw.
det. J. Kirkbride 1977

Guania striata Rich.
Det. J.T. Prance 1972

Bredemeyera lucida (Benth.) Benn.
Det. J.J. Wurdack, '69
Triumfetta althesoides
Lam. Det. M. F. Silva 1972

Miconia tiliaefolia Naud.
Det. J.J. Wurdack, '69
Clathrotropos nitida (Bth.) Harms.
Det. HSI, '69
Guapira sp.
det. L.Y. Th. Westra 1984

~~*Pteragrostis altissima* (Aubl.) Sw.
det. D. Daly 1984~~

Vochysia haenkeana Mail.
det. M.L. Kawasaki, 1991

Swartzia sp. nov.
det. R. S. Cowan, 1973
Swartzia macrostachya Benth.
var. *kuhlmannii* (C. Hogue) Cowan
det. R. S. Cowan 1973

Licania sp. Prance
Det. J.T.P. 1968
ALIBERTIA sp. Det. J.H. Kirkbride, JR. 1976.
det. J. Steyermark 1977

Miconia splendens (Sw.) Griseb.
Det. J.J. Wurdack 1969.
Blechnum confusius Sch. + Chara.
det. Michel + A. Houtart 1981
Imperata brasiliensis
Trin. - Det. A. Dauden 73

- Rio Lage at crossing with rd. C. 6. N. L. Abunã
6697. ✓✓ 12 Amaranthaceae Herb. Calyx green, corolla yellow
- 6698 ✓✓ 12 Cyperaceae Growing in small clumps
- 6699 ✓✓ 12 Annonaceae Tree, 6 m. Fls. cream
- 6700 ✓✓ 12 Euphorbiaceae Tree 8 m. Fls. green, brown, persistent
- 6701 ✓✓ 12 Ficus Tree 30 m x 50 cm diam. Fr. greenish white
- 6702 ✓✓ 12 Rubiaceae Treelet, to 5 m tall. Calyx green, corolla white
- 6703 ✓✓ 12 Liliaceae Treelet, 6 m tall, fls. white
- 6704 ✓ 2 Fern Epiphyte
- 6705 ✓✓ 10 Commelinaceae Km 282 of Modern - Mamãe railroad, 12 Km N. of Ribeirão
Herb; fls. white
- 6706 ✓ 4 Gurania Vine; calyx red, corolla yellow
- 6707 ✓✓ 12 Onuracea Tree 15 m x 20 cm diam, corolla yellow
- 6708 ✓✓ 12 Leguminosae Scandent shrub 2 m tall; fls. green
- 6709 ✓✓ 12 Cyperaceae Caespitose herb; infl. white
- 6710 ✓ 9 Peperomia Epiphyte growing in a tree not infl. pendulous
- 6711 ✓ 10 Trigoniaceae Scandent shrub; fls. green
- Sandy soil
- Aug. 3, 1968
- ✓ *Portulaca oleracea* L.
Det. G. T. S. 72
- ✓ *Cyperus ferax* L. C. Rich.
Det. T. Koyama, 1969
- Forest on hill
- Malva nitida* Benth.
det. G. Webster 1986
- Brosimum lactescens* (S. Moore)
✓ C. C. Berg det. C. C. Berg 1977
- ✓ *Rudgea confolia* (HBK.) Standl.
det. J. K. R. 1977
- ✓ *Aptandra tubicaria* (Poepp.) Bth. & M. J. M. det. N. Aleum 1982
- ✓ *Aptandra sp.* M. J. M. ex descr.
det. H. S. Irwin 1970
- ✓ *Polypodium (Microgramma) per-*
sicarii folium Schrad Det. J. T. M. 1972
- Aug. 2, 1968
- ✓ *Commelinopsis zeyheriifolia* (DC.) Hemsl.
Det. D. Hunt, 1978
- ✓ *Gurania cissoides* (R. Br.) Cogn. Det. C. Jeffrey 1972
- Maytenus sp.
- ✓ *Cassia cf. fruticosa* Mill.
Det. H. S. Irwin, 69
- open swamp forest
- ✓ *Cyperus luzulae* Retz.
det. T. Koyama, 1978
- ✓ *Peperomia nematophylla* (L.) Schumacher
Det. D. C. B. 1972
- roadside

6712 [✓] 12 Euphorbiac Tree 5 m x 5 cm diam, fr green

6713 [✓] 6 Melastomac Herb to 50 cm tall, calyx pink, leaf underside red

6714 [✓] 12 Rubiac Vine, fr green

6715 [✓] 12 Leguminosae Cachoeira Misericórdia, Rio Madeira at Ribeirão
Vine, calyx green, corolla blue

6716 [✓] 12 Podostemonac Aquatic attached to rocks in rapids in fast flowing water

6717 [✓] 12 ^{amaranthac} Rubiac Subshrub growing amongst rocks, corolla white

6718 [✓] 12 Ficus Tree 8 m tall with arching branches, fruit exterior green interior with blood red sap

6719 [✓] 12 ~~Bignoniac~~ Vitex cymosa Benth. det H. Moldenke 1984

6720 [✓] 12 Polygalac Vine, corolla greenish white, lobes yellow

6721 [✓] 3 Aracace Growing on rocks, spathe reddish

6722 [✓] 12 Conepia Shrub growing amongst rocks; corolla x filaments white

6723 [✓] 12 Myrtac " " " fr green

6724 [✓] 12 Ficus Scandent shrub; fruit orange, white latex

6725 [✓] 3 Bromeliac Growing on rocks, fruit red, bracts green

6726 [✓] 12 Leguminosae Liana; infl to 40 cm long with numerous upright branches, fruit white

Siparuna decipiens (Tul.) A. DC.
det. R. Liesner, 1992
roadside

✓ *Siparuna* sp.
det M. F. Silva 1973
Atyraz

✓ *Acotis caulilata* (R. & P.) Tirana

✓ Det J. Wurdack, 69

✓ *Sabicea glabrescens* Benth.

✓ Det. Steyermark, 1969

✓ *Cratylia* aff. *floribunda* Bth.

✓ Det. R. H. Maxwell, 1969

✓ *Paffia* f. *stenophylla* (Spr.) Stuebelik
Det. J. A. Mearns, 1978

✓ *Pourouma* sp.
det M. F. Silva 1973
(Trecul) Akkermans & Berg det Akkermans 1980

✓ *Vitex* sp.
det A. Bently 1973

✓ *Vitex* (recompos) *cymosa* Benth.
det. R. Liesner, 1986.

✓ *Bredemeyera lucida* (Benth.) Benth.

✓ *Anthurium solitarium* (Vell.) Schott
det R. McVaugh 1973
Det. J. Wurdack, 69
Det D. Coats 1987

✓ *Conepia miti* (Mart. & Guér.) Benth.

✓ *Psidium acutangulum* DC.
det R. McVaugh 1972

✓ *Ficus citrifolia* P. Miller
det J. E. Ammonio 1979

✓ *Ficus pertusa* L. f. det. P. J. H. Mass 1980

✓ *Aechmea tocanina* Baker

✓ *Entada polystachya* DC.

✓ Det H. S. I., 69

6727 ✓ 3 Euphorbiac Herb to 1m tall, grey hairs, corolla white

6728 ✓ 12 Mimosa Shrub 1m tall, fl. white

6729 ✓ 12 Myrtac Shrub 2m tall, fl. white

6730 ✓ 12 Sapotac Vine, fl. green

6731 ✓ 12 Hirtella Shrub 2.5m, corolla purple

6732 ✓ 12 Leguminosae Scandent shrub, fl. green

6733 ✓ 12 Onacaceae Tree 3m, corolla yellow

6734 ✓ 12 Compa Tree 5m x 15 cm diam, bits green

6735 ✓ 12 Moraceae Rio Laje ^{on road} Guajara-Mirim to Ribeirão. Tree, 21 m x 40 cm diam. Calyx, ovary green, corolla white. White latex

6736 ✓ 12 Meliaceae Scandent. Calyx green, corolla yellow, lobes cream

6737 ✓ 12 Hippocrateae Vine fls. yellow

6738 ✓ 9 Menispermaceae Vine Trs. green

6739 ✓ 12 Piperaceae Epiphyte sp. leaves with red underside

6740 ✓ 11 Fern Epiphyte

6741 ✓ 12 Aspidospermum Tree 35 m x 50 cm diam Fls. white, green

Cnidocolus urens (L.) Arthur
det. G. Webster 1986

Mimosa pigra L.
Det HSI, '69

Myrciaria spruceana Bg.
Det. D. Heyland, 1972

Serjania sp.
Det. A.T.P. 1969

Hirtella racemosa Lam. var.
octandra (Hoffm.) ex R. & S. France

Dalbergia gracilis Benth
Det. M. A. P. 1972

Couepia paraensis (Mart. & Zucc.) Benth
subsp. *paraensis* Det. J. P. 1972

Manilkara inundata (Ducke) Ducke
Det. T.D. Pennington, 1997

Trichilia rubra C. DC.
Det. T.D. Pennington 1980

Hyperbaena sp.
Det. Kuhnolt, 67

Peperomia sp.
Det. M. Silva 1971

Polypodium (Pteris) *crossifolium*
L. Det. J. T. Muckel, 1970

Aspidospermum verrucosum
Det. M. A. P. 1972

- 6742 ✓✓ 12 Drypetes Tree, 8 m x 10 cm diam. Bark green.
- 6743 ✓ 1 Rourea Liana. Calyx and fls. green.
- 6744 ✓✓ 12 H. 12 m Tree 5 m tall. Frs. purple.
- 6745 ✓✓ 12 Gu. H. 12 m Tree, 10 m x 15 cm diam. Bark green. Lvs. green. Frs. green.
- 6746 ✓✓ 12 Leg. 12 m Tree 5 m tall. Frs. green.
- 6747 ✓✓ 12 Sap. 12 m Tree 5 m tall. Frs. green.
- 6748 ✓✓ 12 12 m Tree 5 m tall. Frs. green.
- 6749 ✓✓ 12 Virola Liana. Fls. green. Frs. brown.
- 6750 ✓✓ 12 12 m Tree 10 m x 15 cm diam. Bark green. Lvs. green. Frs. green.
- 6751 ✓✓ 12 Leg. 12 m Liana. Frs. green.
- 6752 ✓✓ 12 Euphorbia Shrub 3 m tall. Frs. white.
- 6753 ✓✓ 12 ? Not Fl. Shrub 1 m tall.
- 6754 ✓✓ 10 Sap. 10 m Liana. Corolla white. Sepals well yellow. Frs. yellow.
- 6755 ✓✓ 12 Pontederiac Rio Pucallás Novos 4 km above mouth. Flooding aquatic, corolla white with dark blue eye and - lobe.
- 6756 ✓✓ 12 Ox. 12 m Herb to 20 cm tall. Frs. white.
- Drypetes variabilis VITTEN
DET: G. L. WEBSTER, 1999
- ✓ Rourea amazonica (Baker)
Red. K. det. E. Fovero, 1971
- ✓ Hirtella hispidula Stand
Det. G. T. P. 1968
- ✓ Caraipa densifolia Mart.
Det. K. Kubitzki, 1972
- ✓ Machaerium aff. frondosus Mart.
Det. M. Arroyo 1972
- Micropholis egensis (A. DC.)
Pierre det. T. Pennington, 1989
- ✓ Virola elongata (Benth.) Warb.
det. W. A. Rodrigues, 1980
- ✓ Virola cuspidata (Benth.) Warb.
Det. M. A. Rodrigues '12
- ✓ Anacardium occidentale L.
det. G. T. P. 1968
- ✓ Cassia spinescens (L.) Benth. et Vog.
Det. H. S. Irwin '69
- ✓ Mabea paniculata (L.) Benth.
det. G. Webster 1986
- ✓ Piptocarpha m. hogreensis H. Robinson
det. H. Robinson '83
- ✓ Serjania sp.
Det. G. T. P. 1969
- Aug. 3, 1968
- ✓ Eichornia azurea (Sw.) Kunth.
Det. G. T. P. 1969
- ✓ Oxalis sepium St. Hilaire
Det. G. T. P. 1969

- 6757 ✓✓ 12 Bromeliac Epiphyte; bracts brown
- 6758 ✓✓ 12 Apocynac Shrub 1m, corolla white, white
- 6759 ✓✓ 12 Bignoniac Vine, corolla white
- 6760 ✓✓ 12 Leguminosae Tree 12m x 40 cm diam, fl. red
- 6761 ✓✓ 12 Labiatac Subshrub trailing on river bank, corolla purple
- 6762 ✓✓ 7 Rubiac Scandent shrub, corolla white
- 6763 ✓✓ 3 Labiatac Subshrub trailing on river bank; corolla pale purple
- 6764 ✓✓ 6 Pontederac Floating aquatic, corolla white, upper lobe with a yellow patch
- 6765 ✓✓ 12 Sapindac Liana, fl. red
- 6766 ✓✓ 12 Leguminosae Tree 18m x 25 cm diam, corolla orange
- 6767 ✓✓ 12 Melastomac Tree 6m; corolla white tinted pink, filaments pink, young fr. red
- 6768 ✓✓ 12 ~~Moraceae~~ Dioscoreaceae Liana, corolla dark maroon
- 6769 ✓✓ 10 Polypodiaceae Epiphyte creeping up tree trunks
- 6770 ✓✓ 3 Rubiac Shrub 1m tall, infl. branches red, fr. black
- 6771 ✓✓ 1 Rubiac Subshrub 50 cm tall, fr. black

- river bank
- Tillandsia sp. - 14515 11/69
Det. A. D. Smith, 11/69
- Bonafousia letrata (HBK) M. G. F.
var. juruana (K. Schum.) M. G. F.
= Mausoa Kerene (Aubl.) A. Gentry
emend. Splitg.)
- Bonafousia juruana (K. Schum.) M. G. F.
Det. F. Markgraf, '69
- Pachyptera kerore (Aubl.)
Sondw. Det. A. A. Hitchcock 72
- Copaifera officinalis L.
Det. HSI, 69
- Lippia rondoniense Moldenke
TYPE
Det. H. N. Moldenke, 1970
- Lippia sp.
Det. B. M. Harley 1970
- Ixora spruceana Benth. vel
off. Det. Steyermark 1969
- Reussia rotundifolia (L.f.) Costell.
Det. G. T. P. 1969
- Paullinia caloptera Radlk.
Det. G. T. P. 1969
Aug 5, 1968
- Cassia spruceana Benth.
Det. H. S. Irwin, 69
- Miconia tomentosa (L.f.) C. B. Cl.
Det. J. H. Winters, 1969
- Dioscorea sp.
- Polypodium (Microgramma) megalophyllum Desv. Det. J. T. Mickel 70
- Palicourea sp. (aff. grandiflora)
Det. Steyermark, 1969
- Psychotria sp.
Det. Steyermark, 1969
- Varzea forest

- 6772 ✓✓ 12 Peperomia Epiphyte, infl erect
- 6773 ✓✓ 12 Myrtac Treelet 5m tall, corolla white
- 6774 ✓✓ 12 Flacourtiac Treelet 3m tall; corolla white
- 6775 ✓✓ 12 Myristicac Tree 10m x 10 cm diam, fls green
- 6776 ✓ 6 (Moss) Grass, on dead log
- 6777 ✓✓ 12 Rubiac Treelet 3m; infl red, calx tube red, lobes with red exterior and cream interior
- 6778 ✓✓ 12 Liriosma Tree 10m x 12 cm diam, fls green
- 6779 ✓ 3 Rubiac Shrub to 1m tall, fls green
- 6780 ✓ 2 Burserac Tree 10m, buds green
- 6781 ✓✓ 12 Virola Tree 8m x 10 cm diam, fls brown, young fr. brown
- 6782 ✓ 5 Polyposac Growing on dead log, lower surface white; upper surface dark brown with pale margin
- 6783 ✓ 1 Triuridac Saprophyte, infl > fls dark purple
- 6784 ✓✓ 12 Burserac Tree 10m x 10 cm diam
- 6785 ✓✓ 11 Pteridophyte Terrestrial with creeping rootstock
- 6786 ✓✓ 12 Leguminosac Tree 12m; pods ferruginous
- 6787 ✓✓ 12 Pteridophyte Vine trailing over low vegetation

Varzea forest ✓ *Peperomia nematostachya* Link
det. R. McVaugh '74

✓ *Calyptranthes crebra* McVaugh
det. R. McVaugh '72

✓ *Casuarina pitumba* Sleumer
Det. H. Sleumer, 1976

✓ *Casuarina cf pavoniana* Sleumer
Det. H. Sleumer 1970

✓ *Iryanthera elliptica* Duche
Det. J.T.P. 1969

✓ *Bopteris tenuis* (Sw.)
det. R.P. Ireland 1983

✓ *Ixora* sp. det. J. Steyermark 1977
Det. Steyermark, 1969

✓ *Aptandra tubicosa* (Poepp) Benth.
det. H. Sleumer, 1970

✓ *Psychotria amplexans* Benth.
Det. Steyermark, 1969

✓ *Protium sagotianum* March.
Det. J. Cuatrecasas 1970

✓ *Virola theodora* (Spr.) Warb.
Det. J.T.P. 1969

✓ *Canadema australe*
det. J. Pyramiden, 1980

✓ *Sciaphila purpurea* Benth.
Det. J.T.P. 1970

✓ *Protium robustum* (Swartz)
Porter - det. M.M. Porter '73

✓ *Homalium cuneatum* Kl.
det. L. F. Fyfe 1969

✓ *Lygodium volubile* Sw.
det. J.T. Mickel 1970

✓ *Lygodium volubile* Sw.
Det. J.T. Mickel 1970

- 6788 ✓✓ 12 Malpighiaceae • Liانا; corolla yellow
- 6789 ✓ 5 Compositae Vine, fls white
- 6790 ✓✓ 12 " km 12, Road Guajala-Mirón to Abasco. Tree, 10 m x 15 cm diam. Frs. yellow
- 6791 ✓✓ 12 Moraceae Tree, 35 m x 60 cm diam. Frs. green, abundant white latex
- 6792 ✓✓ 12 Bignoniaceae Tree, 40 m x 60 cm diam. Calyx yellowish green, corolla yellow, frs. green
- 6793 ✓✓ 12 Sterculiaceae Treelet, 4 m. Perianth exterior brownish green, interior red; stamens purple and white. Pistil pale green
- 6794 ✓✓ 12 Leguminosae Tree, 40 m x 80 cm diam. Calyx, corolla and frs. green, filaments white
- 6795 ✓✓ 12 Sapindaceae Tree, 15 m x 20 cm diam. Calyx green, corolla white
- 6796 ✓✓ 12 Lueheopsis Tree, 35 m x 35 cm diam. Bracts and stamens brown, calyx brown, white pubescent, corolla violet, ovary and style white. Flowering in 'explosive' condition
- 6797 ✓✓ 8 Solanaceae Herb. Calyx and frs. green, corolla white, anthers yellow
- 6798 ✓✓ 4 " Epiphyte
- 6799 ✓✓ 2 Bromeliaceae Epiphyte. Frs. green
- 6800 ✓✓ 8 Orchids Epiphyte. Frs. green
- 6801 ✓✓ 7 Orchid Epiphyte. Frs. green
- 6802 ✓✓ 12 Euphorbiaceae Tree, 7 m x 6 cm diam. Frs. green

Isotypes NY, MO, CAS, WIS, MEXU

- disturbed forest
- Mikania parviflora* (Aubl.) Karst. det J. Pawski 1987
- disturbed forest on t.f.
- Heteropteris prancei* W.R. Anderson
TYPE det. W.R. Anderson, 1995
- Mikania divaricata* Poepp. & Endl.
det G.M. Barroso, 69
Aug. 5, 1968
- Brosimum lecoinctei*
Ducke. Det W. Rodr. 1968
- Castilleja ulcra* Warb.
det C.C. Berg, 69
- Tabebuia cf. capitata*
Ers. Sap. (Burr. 415 Schumacher) S. J. Burckhardt, 1973
Tabebuia cf. guayacan (Seem.) Hemsl.
det. at Kew, 1988
- Theobroma* sp. *Theobroma subcaneum* det R. de Souza Secco?
- Det M. Freitas 1971
- Enterolobium schomburgkii* Bth
Det H.S.I., 69
- Toulicia reticulata* Radlk.
Det. J.T.P. 1969
- Lueheopsis rosea* (Ducke) Burret
det. H. Seltzer 1985
- Solanum jamaicense* Mill.
Det. M. Nees, 1972 (det 1982)
- NY, U, US, K, MO, S
- Polypodium bombycinum* Maxon
Det. J.T. Mickel, 1970
- Reichmea bromeliifolia* (Lange) Baker
det. L.B. Smith, II, 1969.
- Pleurothallis ephemera* Lindl.
Det. G. Pabst 1970
- Dichaea* sp. no flowers
Det G. Pabst 1970.
- Styrox ovatus* (R. & P.) A. DC.
det. J. Guinès, 1990

- 6803 12 Olacaceae. Tree, 15 m x 25 cm diam. Buds pink or red, frs white
- 6804 12 Verbenaceae ^{Vitex} Tree, 25 m x 30 cm diam. Buds greenish white Not
not Verbenaceae - Moldavia
- 6805 8 Solanac. ~~P. ...~~ Subshrub Buds green perianth pink
- 6806 12 Moraceae Tree, 10 m x 20 cm diam. Buds pale green, frs green
- 6807 12 Moraceae Parasitic strangler. Frs green white latex
- 6808 12 Xylopi Tree, 15 m x 15 cm diam. Calyx green, corolla pale green, white
pubescent
- 6809 12 Burserac ~~melhiaceae~~ Tree 20 m x 35 cm diam. Calyx green, corolla whitish green
- 6810 12 Piperaceae lf. Inflorescence erect yellow
- 6811 1 Piperaceae Subshrub. Inflorescence pendulous yellow
- 6812 2 Fern Terrestrial
- 6813 7 Fern Terrestrial
- 6814 12 Sapotac Rio Bananeiros at Crossing will road Guajad Mirim to Abunã
Treelet 3m, fls green white latex Varzea forest
- 6815 12 Malvac Herb 1m tall, frs red roadside
- 6816 4 Apocynac Herb 30 cm tall, corolla white
- 6817 8 Scrophulariac Prostrate herb, corolla white.

- ✓ *Heisteria Spruceana* Engl.
Det H Slemmer 1970
- ✓ *Lordia goeldiana* Huber
det J Kallunki 1984
Markea coccinea Aubl.
det. M. Nees, 1999
B. ... det. Van Rossum '80
- ✓ *Ficus pertusa* L. f.
Det C C Berg, 1970
- ✓ *Guarea* sp.
Det. W A Rodrigues 1973
→ *Tetragastris alba* (Aubl.) Sw.
det. D. Daly 1984
- ✓ *Piper monifolium* L. f. H.
det R. Callaghan 1979
- ✓ *Piper* sp.
Det G T Pruner 1970
- ✓ *Adiantum* sp.
det ... 1983
- ✓ *Lindsaea arcuata* Kze.
Det. J. T. Mickel 1970
- Aug 5, 1968
- ✓ *Pouteria caimito* (Ruiz & Pavon) Radlk.
det. T. Pennington, 1989
- ✓ *Hibiscus sordariffa* L.
Det A. Krapovickas, 1970
- ✓ *Catharanthus roseus* (L.) G. Don
Det. F. Markgraf, '64
- ✓ *Torenia thouravii* (Cham. & Schlechter) O. Kuntze = *T. parryana* Ham.
Det. D. ... 1975

- 6818 ✓✓✓ 12 Malvac Herb to 1m tall, w. pile maroon Roadside ✓ *Urena lobata* L. ssp. *lobata*
Det. CC Berg, 1970
- 6819 ✓✓✓ 12 Annonac Treelet 3m; fruit green pedicels red Vargen forest ✓ *GUATTERIA*
DET. V. SCHARF, 2001
- 6820 ✓ 6 Alismataceae Herb, corolla white muddy bank, beside stream ✓ *Sagittaria* sp
Det. E. Forero, 1971
Echinodorus grisebachii
det. R.R. Haynes & I.B. Holm-Nielsen '85
- 6821 ✓✓✓ 12 Iryanthera Tree 10m - 12 cm diam. fls. cauliflorous, young fr. green ✓ *Impanthera elliptica* Ducke
Det. W.A. Rodrigues (1972)
- 6822 ✓✓✓ 12 Annonac Tree 5m, cauliflorous ram. florous ✓ *Anaxagorea dolichocarpa* Spr. &
det. P. Maas et al. 1985 Sandw.
- Rio Pacaás Novos, 8-25 Km above mouth Aug. 6, 1968
- 6823 ✓✓✓ 12 Maytenus Corolla green-white anthers yellow Treelet 5M x 5cm diam.
- 6824 ✓✓✓ 12 Lauraceae Tru 8M, 10cm diam. fruits only persistent calyx black. ✓ *Ocotea cernua* (Nees) Mez, *var. lato*
det. J. Rohrer, 1985
- 6825 ✓✓✓ 12 Rutaceae Treelet 2M., floral bracts cream ✓ *Psychotria lupulina* Benth.
subsp. *lupulina* var. *lupulina* Det. Stojanovich, 1969
- 6826 ✓✓✓ 12 Rutaceae Treelet 2M., corolla white ✓ *Rudgea cornifolia* (H. & B.) Standl.
Det. Stojanovich, 1969
- 6827 ✓✓✓ 12 Myrtaceae Tru 5M, 6cm diam., corolla white calyx green ✓ *Calyptranthes multiflora*
Det. R. McVaugh 1972 Berg
- 6828 ✓✓✓ 12 Sapindaceae Treelet 4M., fruits only green ✓ *Guarea pubescens* (Rich.) A. Juss
ssp. *pubiflora* (A. Juss.) Pennington
det. T. Pennington 1980
- 6829 ✓✓✓ 12 Leguminosae Liana, fruits only, green ✓ *Matayba* sp.
Det. J. T.P. 1969
- 6830 ✓✓✓ 3 Araceae epiphyte, spathe reddish brown spadix green ✓ *Machaerum aff. frondosus*
Det. M. Arroyo 1972
✓ *Anthurium pittariifolium*
Engler Det. O. McLean 1973
- 6831 ✓✓✓ 12 Anomospermum Liana, petals light orange ✓ *Anomospermum reticulatum*
ssp. *reticulatum* (Mart.) Eichler Det. Kuhnelt, 1969

- 6832 ✓✓✓ 12 Leguminosae Liana, corolla white calyx green
- 6833 ✓✓✓ 12 Euphorbiaceae Tree 8 M., 10 cm. diam., flowers entirely green.
- 6834 ✓✓✓ 12 Lauraceae Trunk 2 M., corolla white, anthers yellow.
- 6835 ✓✓✓ 12 Dilleniaceae Liana, fruits green
- 6836 ✓✓✓ 12 Lauraceae Tree 8 M., 10 cm. diam., corolla white, stamens green.
- 6837 ✓✓✓ 12 *Neea* Tree 6 M., 3 cm. diam., fruits green.
MO, US, NY
- 6838 ✓✓✓ 12 *Licania* Tree 7 M., 20 cm diam., fruit greenish brown.
- 6839 ✓✓✓ 12 Lecythidaceae Tree 12 M., 20 cm. diam., in bud, petals white - yellow, stamens yellow.
- 6840 ✓✓✓ 12 Leguminosae Tree 11 M. 15 cm diam., fruits brown. [Note: More material of this no. probably misplaced. NY sheet already in herbarium]
- 6841 ✓✓✓ 12 Annonac Tree 7 M., 5 cm diam., flowers yellow.
- 6842 ✓✓✓ 12 *Virola* Trunk 2 M., corolla orange yellow.
- 6843 ✓✓✓ 3 *Coutoubea ramosa* Herb, much branching, corolla white, calyx green.
- 6844 ✓✓✓ 3 Bromeliaceae Epiphyte, bracts iridescent red, flowers yellow
- 6845 ✓✓✓ 12 Apocynaceae Herb, 1 M., corolla and calyx white
- ✓ *Dalbergia riparia* (Mart.) Bth.
Det HST, '69
- ✓ *Endlicheria anomala* Nees & Mey.
det V. Koch 1982 ! J. Rohrer 1985
- ✓ *Davilla nitida* (Vahl.) Kubitzki
Det. K. Kubitzki 1970 Inod
- Ocotea cernua* (Nees) Mez, sensu lato
det. J. Rohrer, 1985
- Neea* sp.
det. L.-Y. Th. Westra 1984
- ✓ *Licania heteromorphia* Benth. var.
glabra (Mart ex Hook f.) Prance f.p. 68
- Eschweilera parvifolia*
Martius ex A.P. de Candolle
det. S. Mori, 1990
- ✓ *Ormosia excelsa* Spruce ex Bth.
Det. Veloz & Rudd, 1969
Bocageopsis matogrossensis (R.E. Fries) R.E. Fries det. P. Maas 1988
- ✓ *Virola elongata* (Bth) Warburg
det W. Rodrigues, 1980, 1982
- ✓ *Virola cuspidata* (Bth) Warb
Det W.A. Rodrigues 1912
- ✓ *Coutoubea ramosa* Aubl. [Det S. Nilsson, 1970]
- ✓ *Acachmea mentensis* (Nees) Schult. f.
Det. L. B. Smith, '69
Aug. 7, 1968
- ✓ *Bongersia tetastachya* (Nees) Mez
det W. Rodrigues, 1979
- ✓ *Bona fousia lessmanni* Mg
Det F. Martgraff, '69

- 6846 ✓✓✓ 12 Licania Tree 5 M., 6 cm. diam., calyx light green.
- 6847 ✓✓✓ 12 Lecythidaceae Treelet 3 M., fruits orange.
- 6848 ✓✓✓ 12 Mouriri Tree 8 M., 10 cm. diam. buds yellow.
- 6849 ✓✓✓ 12 Malpighiaceae Tree 8 M., 10 cm. diam., petals white, stamens yellow.
- 6850 ✓✓✓ 17 Cypripaceae Herb, perianth cream colored.
- 6851 ✓✓✓ 12 Olacaceae Treelet 6 M., 5 cm. diam.; persistent calyx reddish yellow.
- 6852 ✓✓✓ 12 Inga Tree 10 M., 10 cm. stamens white, calyx green.
- 6853 ✓✓✓ 12 Tachigalia Tree 8 M., 10 cm. diam., petals yellow, calyx red-gray.
- 6854 ✓✓ 7 Leguminosae Liana, Fruits green. *C. amara* f. *truncata* T. & G. 1937
- 6855 ✓✓✓ 12 Hippocrateae Liana, corolla white.
- 6856 ✓✓✓ 12 Proteaceae Tree 15 m., 20 cm. diam. Fruit green.
- 6857 ✓✓✓ 12 Guttiferae Tree 18 M., 23 cm. diam., petals yellow, dark red at the base.
- 6858 ✓✓✓ 12 Conopia Tree 15 M., 8 cm. diam., petals white, inflorescence pubescent green.
- 6859 ✓✓✓ 12 Sapotaceae Tree 8 M., 7 cm. diam., corolla green-white, outer sepals brown. *Pouteria glomerata* (Miguel) Radlk. ssp. *glomerata* det. T. Pennington, 1989
- 6860 ✓✓✓ 12 Loranthaceae Parasite, perianth green, yellow at the tip.
- ✓ Licania pallida Spruce ex Sagot
Det. J. T. P. 1968
- ✓ *Gustavia hexapetala* (Aubl.) Smith
subsp. *hexapetala* det. SCOTT 1973
- ✓ *Mouriri acutiflora* Naudin
Det T. Morley '69
- ✓ *Rhynchospora amazonica* Poepp
& Kunth Det. T. Kojima, 1969
- ✓ *Hesperia Spruceana* Engl.
Det H. Sleumer 1970
- ✓ *Inga disticha* HBK
det. J. Pennington
- ✓ *Sclerolobium myrmecophilum* Ducke
Det HSI, '69
- ✓ *Clitoria* sp.
Det HSI, '69
- ✓ *Tontelea ovalifolia* (Miers) A.C. Smith
Det. A. Menega, 1989
- ✓ *Panopsis rubescens* (Pohl) B. & H.
Det H. Sleumer 1970
- ✓ *Conopia paraensis* (Mont. & Tur.) Bonpl.
ssp. *glauca* (Lam.) A. C. Smith
Det. J. A. Rodriguez 1974
- ✓ *Neolabatia cuprea* (Hut) W. & A. Rodriguez
Det. J. A. Rodriguez 1974
- ✓ *Phoradendron* sp. *crassifolium* (DC.) Eichel.
det. J. Kuijt 1980 Kuijt, 1970

- 6861 ✓✓ 12 Bromeliaceae Epiphyte, bracts pink perianth dark red. ✓ *Tillandsia paraensis* Mez
Det. L.B. Smith
- 6862 ✓✓✓ 12 Rubiaceae Tree 5 M., 25cm diam. Corolla white. ✓ *Genipa spruceana* Steyermark
Det. Steyermark, 1969
Aug 12, 1968
on label T. Fel Rondônia
Vicinity of Santa Barbara, 15 km east of Km 117 road Porto Velho to Cuiabá forest on T. f.
- 6863 ✓✓ 12 Sapotac Tree 12 m x 12 cm diam, latex white; fls green on rocky laterite soil ✓ *Manilkara huberi* (Ducke)
Chevalier det. T. Pennington, 1989
- 6864 ✓✓ 12 Cordia Treelet 5m, corolla white ✓ *Cordia sericea* A.C. Smeatman
Det. S.R. Hill, 1972
- 6865 ✓✓ 12 Compsonura Shrub 2m, fruit orange; seed brown, surrounded by scarlet aril ✓ *Compsonura ulii* Warb.
Warb. W.A. Rodrigues 1972
- 6866 ✓✓ 12 Tapura Treelet 4m; fruit orange ✓ *Tapura ornata* (Poe.)
Det. S. Hill 1980
- 6867 ✓✓ 12 Euphorbiac Treelet 3m; fruit reddish-brown; latex white ✓ *Mabea angustifolia* Spr. ex Bth.
Det. G. Webster 1986
- 6868 ✓ 3 Flacourtia Treelet 2m; corolla white ✓ *Casearia tenuipilosa* Sleumer
Det. H. Sleumer, 1978 ✓ *Casearia hirsuta* Sw.
Det. H. Sleumer, 1970
- 6869 ✓✓ 12 Hirtella Tree 5m; calyx dark red; corolla white tinted pink, filaments purple with white base ✓ *Hirtella eriandra* Benth.
Det. J.T.P. 1968
- 6870 ✓✓ 12 Leguminosae Liana, fls green ✓ *Maachaerium*
- 6871 ✓✓ 9 Rubiac Shrub 1m tall, corolla white ✓ *Alibertia myrsinifolia* Schum.
Det. Steyermark, 1969
- 6872 ✓✓ 12 Myrtac Treelet 3m; infl dark red; fls white ✓ *Myrcia fallax* group
Det. R. McVaugh 1972 ✓ *Myrcia*
Det. R. McVaugh 1972
- 6873 ✓ 6 (Moss) Growing on trunk of palm ✓ *Sematophyllum subsimplex* (Hedw.)
Mitt. + *Syrphodon cryptocarpus*
Det. W.C. Steyermark 1979
- 6874 ✓ 6 Pteridophyte Epiphyte growing on trunk of palm 6873 on palm trunk ✓ *Hecistopteris pumila* (Spreng)
J. Sm. Det. J.T. Mickel, 1970
- 6875 ✓✓ 9 O. alata Treelet 2m; corolla yellow

- 6876 ✓✓ 12 Myrtac Treelet 2m, fls white
- 6877 ✓✓ 12 Heisteria Tree 7m; calyx red; fruit white
- 6878 ✓✓ 12 Leguminosae Tree 20m x 30 cm diam, calyx exterior flemingian, interior white; corolla upper lobes white, lower lobes purple
- 6879 ✓✓ 10 Cyperac Caespitose herb
- 6880 ✓✓ 12 Euphorbiac Tree 12m x 15 cm diam; leaf underside brown with brown strip 1cm either side of midrib, fruit light brown
- 6881 ✓✓ 12 ~~Flacourtiaceae~~ ^{Tilliaceae} ~~Flacourtiaceae~~ Tree 10m x 12 cm diam; fruit green
- 6882 ✓✓ 12 Apocynac Tree 10m x 12 cm diam; corolla orange, sparse white latex
- 6883 ✓✓ 12 Polygalac Tree 8m x 10 cm diam; corolla white
- 6884 ✓✓ 12 Maytenus Treelet 4m; fruit brown
- 6885 ✓✓ 12 Bauhinia Shrub 1.5m tall; pods brown
- 6886 ✓✓ 12 Pteridophyte Growing on rocks
- 6887 ✓ 4 Sapindac Tree 8m x 5 cm diam; fruit green
- 6888 ✓✓ 12 Cyperac Caespitose herb 1m tall
- 6889 ✓✓ 12 Convolvulaceae Vine; corolla white
- 6890 ✓✓ 12 Myrtac Treelet 3m; corolla white
- 6891 ✓ 1 Heliconia 50 cm tall; bracts & fls yellow

✓ *Myrcia multiflora* (Lam.) DC.
 aff. *Myrcia*?
 det. R. M. Vaughn 1972
 forest on rocky soil Aug 13, 1968

✓ *Heisteria rubicarpa* sp. nov.
 det. H. A. A. 1981

D. odorata (Aubl.) Willd.

det. H. C. de Lima 1986

✓ *Dipteryx tetraphylla* Spruce
 Det. M. Mayo 1972

Mabea fistulifera Mart.
 det. G. Webster 1986

✓ *Triumfetta altheoides* Lam.
 det. M. J. Silva 1972
 this det is in wrong place!

✓ *Aspidospermum multiflorum* DC.
 det. F. Mart. Gray, '69
 ✓ *Bredemeyera lucida* (Bth.) Benn.
 det. J. J. Wurdack, '69

✓ *Paulinia nipa* (Bong.) Steud.
 det. J. J. Wurdack, '69

✓ *Adiantopsis radiata* (L.) Fée
 Det. J. T. Mickel, 1970

✓ *Toulicia eriocarpa* Radlk.
 Det. J. T. P. 1969

✓ *Scleria* sp.
 det. T. Koyama, 1978

✓ *Spornoea glabra* (Aubl.) Chodry
 det. R. Becker, 1972

✓ *Eugenia flavescens* DC.
 det. R. M. Vaughn 1972

✓ *Merremia macrocalyx* (Ruiz & Pavon) O'Donnell
 det. G. Staples, Dec. 1977
 ✓ *Merremia glabra* (Aubl.) Hall.f. - det. C. R. Julien 1972
 ! Staples 1980

- 6892 ✓ 6 Orchidac Epiphyte; corolla yellow, fruit green
- 6893 ✓ 10 Orchidac Epiphyte; fr green
- 6894 ✓ 6 (Fungus) Growing on dead log, brown
- 6895 ✓ 6 (Moss) Growing on rocks
- 6896 ✓ 12 Vismia Treelet 5m; calyx ferruginous, corolla white with red streaks
- 6897 ✓ 12 Siparuna Treelet 4m; fls green
- 6898 ✓ 12 ? Tree 15m x 20 cm diam; calyx dark purple, corolla pale purple
- 6899 ✓ 12 Annonac Tree 12m x 12 cm diam; corolla green with red base, becoming red with age
- 6900 ✓ 12 Boerhavia (Myrt.) Herb trailing on recently disturbed earth, corolla dark red
- 6901 ✓ 12 Melastomac Tree 8m; young fls green
- 6902 ✓ 12 Laurac Tree 10m x 8 cm diam, young fls brown
- 6903 ✓ 5 Dilleniace Liana, fr green
- 6904 ✓ 12 Bignoniace Tree 20m x 15 cm diam; calyx dark blue; corolla light blue
- 6905 ✓ 6 Malpighiace Liana; corolla yellow with orange margins; fruit red
- 6906 ✓ 12 Symphonin Tree 25m x 30 cm diam; corolla scarlet, latex yellow
- 6907 ✓ 8 Apocynace Liana; latex white; fruit green

T. acuminatum Batem. ex Lindl.
det. J.T. forest on T.f on rocky laterite
Atwood '86

Trigonidium tenue Lindl.
det. S. Pabst 1970

✓ *Scaphyglottis ochroleuca*
det. G. Pabst 1970 Schltr

✓ *Panus crinitus* (L. ex Fr.) Singer
Det. C.T. Rogerson, 1970

✓ *Bryum coronatum* Acharya
det. W.C. Steene 1979
Vismia schultesii N. Robson
det. N. Robson 2000

✓ *Siparuna y. guianensis* Aubl.
det. S.P. Buisson 1973

laterite
forest on T.f on rocky
✓ *Physocalymma scaberrimum*
! A. Lounsbury, 69 Pohl Det W. Rodw. 1968

Duguetia marcgraviana
Mart. det. Ping He & P. Maas, '91

✓ *Miconia affinis* DC.
Det J.T. Wurdack '69
aniba taubertiana Mez
det. K. Kubitzki 1979

✓ *Davilla Kunthii* St. Hil.
Det K. Kubitzki, 1970

✓ *Stigmaphyllon hypoleucum*
Mez det. Anderson 1979

✓ *Symphonia globulifera* L.f.
Det B. Maguire, '69
cf. *Forsteronia mollis*, Rusby
Det T. Markgraf, 69

Capoeira

forest on T.f on rocky

Fr sep

6908	✓ 5	Piper	shrub 1m, infl pendulous	forest on T6 on rocky lat. ridge	<i>Piper coraimanum</i> det. H. Callejas 1979
6909	✓✓ 8	Sapindac	Treelet 5m, corolla white		<i>Talisia mollis</i> Kunth. Det. G.T.P. 1969
6910	✓ 6	(Moss)	Growing on soil		<i>Ochrocyum gaudierii</i> (C. Muell.) Lintl. det. Steene 1979
6911	✓✓ 12	Sapotac	Tree 10m x 10cm diam, fr. yellow; white latex	Forest on T6 on sandy soil	<i>Ecclinus</i> cf. <i>lanceolata</i> Pierre Det. J.M. Peres, 1971
6912	✓ 3	Guronia	Vine, sap yellow		<i>Gurania cissoides</i> (Benth.) Cogn. Det. C. Jeffrey 1974
6913	✓✓ 12	Virola	Tree 15m x 15cm diam, fr. brown	Forest on T6 on sandy soil	Aug. 14, 1958 <i>Virola theiodora</i> (Benth.) Worb. Det. W.A. Rodrigues 1972
6914	✓✓ 12	Tilia	Treelet 4m, corolla pink, style & disc pink		<i>Pyrena caribaea</i> Schl. det. W. Meyer 1975
6915	✓✓ 12	Rubioc	Tree 5m x 5cm diam, fl. green		<i>Stachyarrhena</i> sp. Det. Stoyernark, 1969
6916	✓ 4	Sapindac	Tree 10m x 10cm diam, fl. green		<i>Matayba</i> sp. Det. G.T.P. 1969
6917	✓✓ 12	Bursera	Tree 15m x 20cm diam, fl. green		<i>Protium neglecta</i> Swart var. <i>robustum</i> Swart - Det. W.A. Rodrigues '73
6918	✓ 6	Bombacac	Treelet 4m x 6cm diam, fl. green		<i>Quararibea ochroleuca</i> K. Schum. Det. A. Robyns, 1969
6919	✓✓ 12	Myrtac	Treelet 3m, fl. green		<i>Mouriri apiranga</i> Spruce ex Trana - Det. T. Morley 1972
6920	✓✓ 12	Flacourti	Tree 5m tall, corolla white		<i>Casearia negrensis</i> L. Coul. Det. H. Sleumer, 1970
6921	✓ 6	Anacardi	Flowers in clusters, yellow (Wood sample sent to SYRACUSE) Growth on stem of branch, yellow-brown colour		<i>Auricularia polytricha</i> (Montagne) Det. B. Lowy, 1970
6922	✓✓ 12	Salicac	Treelet 1m, small, fl. yellow, fruit green		<i>Saccardo</i> Det. B. Lowy, 1970 <i>Cyphomandra</i> Det. M. Nee, 1972
6923	✓ 5	Passiflor	Vine, corolla white, fruit yellow		<i>Passiflora araucae</i> Sacc. det. J. de la Cruz Pardo 1982

- 6924 ✓
12 Solanac Treelet 4m, corolla white, stamens yellow *Solanum leucocarpum* Bural
det S. Knapp 1987
forest on 1 f on sandy soil
- 6925 ✓
12 Inga Tree 10 m x 12 cm dbh, white pubescence, flowers yellow *Inga rubiginosa* DC.
Det. T. Elias, 1970
- 6926 ✓
12 Bignoniac Liana; corolla white *Tynanthus schumannianus*
(L. K. F.) A. BENTLEY 1982
det. A. Bentley
- 6927 ✓
6 (Moss) Growing on palm trunk
- 6927B ✓
12 Lucylthiac Tree 10 m x 12 cm dbh, appendages dark yellow *Tynanthus schumannianus*
det. A. Bentley 1982
- 6928 ✓
12 Annonac Tree 20 m x 30 cm dbh, flowers yellow, stamens yellow *Eschweilera bracteosa* (Poeppig
ex Berg.) Miers
det. S. Mori, 1990
GUATTERIA
DET: U. SCHMIDT, 2001
- 6929 ✓
12 Siparuna Treelet 3m, fl. green *Siparuna poeppigii* (Tul)
det. S. Mori, 1973
- 6930 ✓
3 Bromeliac Epiphytic
- 6931 ✓
12 Solanac Liana, calyx green, flowers orange, growing on tree trunk *Brufelsia cuneifolia* J.A.
Schmidt Det. T. Phuman, 1979
- 6932 ✓
6 (Live rock) Growing on tree trunk
- 6933 ✓
12 Violac Treelet 4m, fl. white *Rinorea pubiflora* (Benth.) Sprague
det. W.A. Hekking 1973
- 6934 ✓
4 Leguminosae Tree 25 m x 40 cm dbh, corolla yellow, filaments white *Rinorea* sp.
det. M. Silva 1970
- 6935 ✓
12 Combretac Liana; fruit green *Piptadenia psilostachya* (DC.) Bth.
det. H.S.T. 69
- 6936 ✓
10 Pluridiphyte Trailing vine *Houania acreana* Pilg.
det. S.T. Prance, 1972
- 6937 ✓
12 Meliac Tree 10 m x 10 cm dbh, calyx pink, corolla white *Polypodium (Microglossum) tectum*
KPF. Det. J.T. Mickel 1970
- 6938 ✓
12 Heisteria Tree 10 m x 10 cm dbh, pale green *Guarea carinata* Ducke
det. T. T. S. 1970
Heisteria spruceana Engl.
det. H.S. 1970

6940	✓	Fragaria	Growing on dead log	forest on T. sandy soil	Auricularia delicata (Fries) Hennings. Det. B. Lowy, 1970
6941	✓	Polypodiaceae	"	"	✓ Coriopsis subglabrescens det. L. Rydberg
6942	✓✓	Leonia	Tree 10 m x 8 cm diam, fruit grey		Fr. Sep. ✓ Leonia glyccarpæ R. et P. Det. M. Silva 1970
6943	✓✓	Sapindaceae	Tree 12 m x 10 cm diam, white latex, buds green		✓ Tetragastris pananensis (Engl.) DK det. D. Daly 1984
6944	✓✓	Viola	Treelet 4m; fls brown		✓ Viola calophylloidea Mgf. Det. J.T.P. 1969
6945	✓✓	Platycladaceae	Epiphyte with creepers		✓ Ananthacorus angustifolius Underw. & Maxon Det. J.T. Mickel 1970
6946	✓✓	Peperomia	Epiphyte; infl erect, red		✓ Peperomia circinata Link. Det. E. Guimaraes & C. Chaves 1971
6947	✓	Lycopodium	Epiphyte		✓ Lycopodium aff. taxifolium Sw. Det. J.T. Mickel, 1974
6948	✓✓	Tabebuia	Tree 20 m x 30 cm diam, corolla yellow, flowering in Aug.	✓ Tabebuia serratifolia (Vahl) Nichols det. A. Senter, 1976	Tabebuia Det. D. R. Hunt 1972
6949	✓✓	Lauraceae	Tree 10 m x 10 cm diam; fls white, high, branched		✓ Nectandra coudana (Nees) Mez Det. R. R. Meade 1974 → O. cernua (Nees) Mez, sensu lato det. J. Rohrer 1985
6950	✓✓	Nyctaginaceae US, MO, MEXU, AAV, CAS	Tree 6m; buds green		Neea sp. det. L. Y. Th. Westra 1984
6951	✓✓	Melastomaceae	Tree 8m x 6 cm diam, small		✓ Miconia cf. ogensis Cogn. Det. J.T. Wurdack, 69
6952	✓✓	Lacistema	Treelet 4m; infl white	✓ Eugenia sp. Det. R. McVaugh 1972	✓ Eugenia Det. R. McVaugh 1972
6953	✓✓	Hirtella	Treelet 3m; infl pendulous, fruit red		✓ Hirtella racemosa Lam. var. octandra (Hoffm.) ex R. & S. Ponce
6954	✓✓	Oreocaulon	Treelet 4m, corolla yellow		
6955	✓	Ariocarpus	Epiphyte, stem green		✓ Philodendron Det. D. McVaugh 1973

- 6971 ^{vv} 12 Leguminosae liana, corolla orange river bank
- 6972 ^{vv} 12 Inga Shrub 3m; corolla green; filaments white
- 6973 ^{vv} 12 Malvaceae Herb to 60 cm tall, trailing; corolla pale orange with yellow eye
- 6974 ^{vv} 12 Hevea Tree 20m x 30 cm diam; corolla white, white latex
- 6975 ^{vv} 8 Hippocrateae liana; young fr green
- 6976 ^{vv} 7 Passiflorae Vine; corolla red
- 6977 ^{vv} 7 Apocynae Vine; corolla pale yellow, white latex
- 6978 ^{vv} 12 Ouarea Tree 5m; pedicels red; corolla yellow
- 6979 ^{vv} 12 Euphorbiac Tree 5m
- 6980 [✓] 3 Loranthae Seedling on branch of Leguminosae (pickled material)
- 6981 ^{vv} 12 Polygalae liana; corolla purple
- 6982 ^{vv} 12 Sapindae Shrub 3m tall; mature fr orange
- 6983 ^{vv} 12 Euphorbiac Subshrub with creeping roots; fruit green
Vicinity of Km 117 of road Porto Vello to Cuiaba
- 6984 ^{vv} 6 Annonac Tree 6m; fruit green forest on 5 ft
- 6985 [✓] 3 Bromeliac Epiphyte; bracts scarlet
- 6986 ^{vv} 12 Phoridophyta Terrestrial with creeping roots

- ✓ *Pterocarpus amazonum* 1972
(Benth) Amshoff. det. MT Arroyo
- ✓ *Arga disticha* Benth
det. J. Guinès 1982
- ✓ *Melochia arenosa* Bth.
Det. A. Krapovickas, 1970
Hevea brasiliensis (Willd.) M. Arg.
det. J. M. Piro 1981
- ✓ *Hippocratea volubilis* L.
Det. W. Rodrigues, 1988
- ✓ *Passiflora* sp. subg. *Astrophea*
- ✓ *Odontadenia nitida* (Vahl) Mang.
Det. F. Markgr. et al., '69
- Actinostemon amazonicus* Pax.
K. Hoffm. det. L. Gillespie, 1997
- ✓ *Securidaca rivinaefolia* Ste. Hil. + Thoo
var. *parvifolia* Benn.
Det. S. J. Wurdack, 1969
- ✓ *Matayba* sp.
Det. J. T. P. 1969
- ✓ *Phyllanthus carolinensis* Asp.
guianensis (Kl.) Webster
det. G. Webster 1986
- GUATTERIA
U. SCHARF, 2001
- ✓ *Aechmea tillandsioides* (Mart.) L. B. Smith, 1969

- 6987 ✓✓ 12 Leguminosae Tree 25m x 40 cm diam; fruit brown with grey lenticels Fr Sep
- 6988 ✓✓ 12 Sapindaceae Vine; corolla white, appendages white with yellow *S. caracasana* (Jacq.) Willd. *Serjania* sp.
det. T. Pennington 1980 Det. J.T.P. 1969
- 6989 ✓✓ 12 Triplaris Tree 6m tall; calyx tube white, lobes red disturbed road *Triplaris pavonii* Miess
det. R.A. Howard 1976
- 6990 ✓✓ 12 Rubiac Shrub 2m tall; infl & corolla white forest on T.f. *Conssarea* sp. C. PACEMOSA A. Rich.
DET: C. TAYLOR, 04
- 6991 ✓✓ 9 Polygonae Liana; calyx green Det. Steyermark, 1969
- 6992 ✓✓ 4 Caryocar Tree 15m x 60 cm diam, corolla and filaments pale yellow *Triplaris* sp.
det. M. Z. Silva 1972
- 6993 ✓✓ 12 Heisteria Tree 12m x 10 cm diam; young & green *Triplaris scandens* (Vell.) Coss.
det. R.A. Howard 1976
- 6994 ✓✓ 3 Cassia Tree 4m tall; corolla yellow *Caryocar villosum* (Aubl.) Pers.
Det. M. Freitas, 1968
- 6995 ✓✓ 10 Myrtac Shrub 3m tall; mature fr yellow *Heisteria spruceana* Engl.
Det. H. Sleumer, 1970
- 6996 ✓✓ 12 Dilleniace Vine; fruit green *Cassia lucens* Vog
- 6997 ✓✓ 12 Virola Treelet 4m; fls brown *Virola* sp. Det. H.S. Erwin 1969
- 6998 ✓✓ 8 Lecythidac Tree 10m x 12 cm diam, corolla white, staminal appendage white with yellow filaments *Mouriri lunatanthera* Morley
det. T. Morley 1972
- 6999 ✓✓ 12 Siparuna Vicinity of Santa Barbara Treelet 2m; fls green *Virola elongata* (Benth.) Warburg
det. W. Rodrigues, 1980
- 7000 ✓✓ 12 Licania Tree 20m x 35 cm diam; calyx pale brown *Virola cuspidata* (Benth.) Warb.
Det. W.A. Rodrigues 1972
- 7001 ✓✓ 7 Piperac Herb 10 cm tall; infl. lobes 1-2 green with pale green filaments *Eschweilera bracteosa* (Poeppig ex Berg.) Miess
det. S. Mori, 1990
- Aug 16, 1980 *Siparuna* aff. *guianensis* Aublet - det. R. R. Hill 1973
- Piper conoanguinum* Kunze
det. E.F. Guimarães & C. Ichaso, 1975

- 7002 8 Pl. diophyte Terrestrial growing in small stream
 7003 4 Piperac shrub 1 m tall; infl pendulous
 7004 11 Piperac shrub 1 m tall; infl erect
 7005 4 Piperac subshrub 30 cm tall; infl erect
 7006 12 Piperac shrub 1.5 m tall; infl erect
 7007 9 Apocynac shrub 2 m tall; corolla tube white, lobes pink, capious white lobes
 7008 7 Peperomia Epiphyte; infl pendulous
 7009 12 Annonac Tree 10 m x 8 cm diam; fruit green outside, orange inside; seeds black
 7010 2 Araceae Epiphyte; spadix yellow
 7011 7 Gramin Vine; calyx red
 7012 12 Symplocia Tree 30 m x 40 cm diam; corolla red; lobes yellow
 7013 6 Violac Tree 10 m x 10 cm diam; fls yellow
 7014 12 Aspidospermum Tree 30 m x 50 cm diam; trunk white latex
 7015 12 Malpighiac Liana; corolla yellow with red spots; bracts red
 7016 12 Sapotac Tree 30 m x 40 cm diam; bark grey; white latex
 7017 12 Graminac Compound herb

- Adiantopsis radiata (L.) Fee
 Det. J. T. Mickel, 1970
 Piper subfalcatum Sw.
 det. R. Callejas, 1988
 Piper alyneanum C. DC.
 det. R. Callejas 1979
 Piper piresii Gunkel
 det. R. Callejas 1979
 Piper erectifolium Gunkel
 det. R. Callejas 1979
 Bromusca submollis (Mart.)
 et. M. Gray (Britton et
 Kings) det. M. H. Gray 1979
 R. Callejas 1981
 Anacamptis submollis (Mart.)
 Miers
 Det. F. Markgraf, '69
 Peperomia n. natantiana
 L. R. - Det. E. Guimaraes & C. J. A. S. G.
 Xylopia
 Monstera obliqua Mig.
 Det. M. Madison 1975
 Monstera
 Det. D. H. Nicolson, 1972
 Durania isolita Cogn.
 Det. C. Jeffrey 1972
 Symplocia globuliferol. f.
 Det. B. Maguire, '69
 Viola calophylla Warb.
 Det. J. T. P. 1969
 Aspidosperma ceranopauha Pichon
 Det. F. Markgraf, '69
 Tetraapterys
 Aspidosperma araranga MF
 det. W. Marcondes, 1986
 Schantheus pallens (Sw.) Munro ex Benth.
 det. M. Stalter 1980
 Schantheus pallens (Sw.) Munro ex Benth.
 det. M. Stalter 1980

- 7033 12 *Viola* Tree, 10 m x 10 cm. diam. Frs. green
- 7034 12 ^{violaceae?} *Hippocrateae* Tree, 15 m x 10 cm. diam. Frs. green
- 7035 8 *Myrsinaceae* Shrub, to 3 m. tall. Frs. dark green
- 7036 12 *Moraceae* Tree, 10 m x 10 cm. diam. Buds white, green
- 7037 8 *Piperaceae* Shrub Pendulous inflorescence green
- 7038 12 *Moraceae* Tree, 15 m x 10 cm diam. Frs. green, flowering in leafless condition
- 7039 12 *Leguminosae* Tree, 10 m x 20 cm. diam. Buds red
- 7040 12 ? Tree, 8 m. Calyx brownish green, corolla white. Aromatic
- 7041 12 *Moraceae* Tree, 8 m x 15 cm diam, Frs. green, white latex
- 7042 2 *Myristicaceae* Tree, 6 m x 10 cm. diam. Bark brown, inner green. Red sap.
- 7043 2 ? Vine Frs green fr. sep.
- 7044 12 *Melastomaceae* Shrub, to 2 m. tall. Young frs. red
Rio Jamarí at Angra dos Reis
- 7045 12 *Inga* Tree, 7 m. Calyx green, corolla white, filaments pale green
- 7046 12 *Combretaceae* Vine Frs. green
- 7047 12 *Polakaceae* Treelet 5 m. Calyx yellow tinted purple, corolla yellow, anthers brownish yellow

- ✓ *Viola calophylla* Warb.
Det. J. T. P. 1969
- ✓ *Leonia glydicarpa* Ret P
Det M. Silva 1970
- ✓ *Nandopsis glabra* Spr. & Baill.
Det CC Berg '69
- ✓ *Perebea mollis* (P. & E.) Huber
ssp. *mollis*
Det CC Berg '69
- ✓ *Inga capitata* Desv.
det. J. T. P. 1982
- ✓ *Xylopia cf. amazonica* E. T. M.
det. A. S. Silva 1981
- ✓ *Helianthostylis sprucei* Baill.
Det. CC Berg, '69
- ✓ *Iryanthera paraensis* Hub.
Det. W. A. Rodrigues 1972
- ✓ *Miconia nervosa* (Sm.) Trana
Det. J. T. P. 1982
- ✓ *Inga disticha*
det. J. T. P. 1982
- ✓ *Combretum laxum* Jacq.
Det. A. W. Exell, '69
- ✓ *Ouvatea* sp.
Det M. Silva 1971

7048

✓✓

Myrtaceae

Treelet, 3 m. Calyx green, corolla and stamens white

7049

✓✓

Triplaris

Treelet, to 5 m Frs. base pale green tips red

7050

✓✓

Sapindaceae

6 Km S of Ariquemes, road Porto Velho to Cuiabá Secondary growth along roadside Aug. 14, 1968

Treelet, 4.5 m tall. Calyx green brown pubescent, corolla and filaments white

anthers cream young frs. pale green

7051

✓

Hirtella

Treelet to 2 m. tall. Frs. pale red

Memora

Det. D.R. Hunt

7052

✓✓

Rubiaceae

Herb. Fls yellow

7053

✓✓

Myristicaceae

Tree, 10 m x 15 cm diam. Frs. green, brown pubescent. Red saps.

7054

✓✓

Tiliaceae

Tree, 8 m x 10 cm diam. Frs. red, twisting in leafless condition

10 Km S of Ariquemes, road Porto Velho to Cuiabá

7055

✓✓

Bignoniaceae

Vine Calyx green, corolla purple

7056

✓✓

Malpighiaceae

Vine. Fls yellow

7057

✓✓

Bignoniaceae

Shrub Calyx green, corolla yellow

memora contracta A. Gentry
det. A. Gentry 1985

7058

✓✓

Annonaceae

16 Km S of Ariquemes, road Porto Velho to Cuiabá Disturbed forest on t.f.
Tree, 18 m x 10 cm diam. Frs green tinted red. Seeds black with white aril

Xylopia

7059

✓✓

Leguminosae

Tree, 8 m x 15 cm diam. Frs green

Inga sp. aff. heterophylla Willd
det. A. Gentry 1985

7060

✓✓

Euphorbia

Tree, 5 m. Frs green

7061

✓✓

Symphonia

Tree, 20 m x 20 cm diam. Bds red.

Symphonia globulifera L.f.
Det B Maguire, 1969

7062

✓

Fungus

Growing on dead log.

✓ Myrciaria dubia (HBK) ^{McVaugh}
Det. R. McVaugh 1972✓ Eriolobos schomburgkiana
Benth. det. R.A. Howard, 1968

Secondary growth along roadside Aug. 14, 1968

Tonlicia eriocarpa Radlk.

Det. J.T.P. 1969

Hirtella racemosa Lam.

var. racemosa Det. J.T.P. 1969

alchemilla brasiliensis (L.)
Kuntze det. James A. McVaugh 1970

Virola venosa (Benth.) Worb.

Det. J.T.P. 1969

Heliconia

Heliconia americana L. sp.
det. W. Meijer 1972

Clytostoma decorum (S.Moore) Buratt. Schff.

Det. A.A. Hitchcock 1972

memora schomburgkii (DC.)
Miers sensu Sandwith det. A. Gentry 1985

- 4 Km. S of Nova Vida Curuba Disturbed forest on 6f
- 7065 12 Sapindaceae Tree, 12 m x 15 cm diam. Fls. white, green.
- 7064 12 Myristicaceae Tree, 10 m x 8 cm diam. Lvs. shiny green. Reddish sap
- 7065 6 Hirtella Treelet to 4 m. Frs. pink.
- 7066 2 Araceae Epiphyte. Spathe green.
- 7066a 12 Moraceae Tree, 15 m x 25 cm diam. Fls. white.
- 7067 12 Moraceae Tree, 15 m x 25 cm diam. Fls. white.
- 7068 12 Rutaceae Tree, 12 m. Frs. green.
- 7069 12 Solanaceae Treelet, 1 m. Fls. white. Frs. green.
- 7070 12 Flacourtiaceae Tree, 10 m x 15 cm diam. Frs. green.
- 7071 12 Sterculiaceae Tree, 30 m x 40 cm diam. Fls. purple, dim. green. Frs. green.
- 7072 12 Compositae Shrub fls. white.
- 7073 12 Leguminosae Tree, 10 m x 40 cm diam. Lvs. green, young lvs. green, old lvs. brown. Filaments white, anthers cream.
- 7074 7 Orchid Epiphyte. Frs. green.
- 7075 7 Convolvulaceae Treelet, 1.5 m. Frs. green, maturing black. Pith white.
- 7076 10 Sapotaceae Tree, 10 m x 10 cm diam. Lvs. green. Latex white.
- 7077 1 Epiphyte. Frs. white.
- ✓ *Allophyllus punctatus* Radlk.
Det. G.T.P. 1969
- ✓ *Iryanthera ulei* Warb.
Det. G.T.P. 1969
- ✓ *Hirtella racemosa* Lam. var.
racemosa Det. G.T.P. 1968
- ✓ *Philodendron distantifolium?*
Det. D.H. Nicolson, 1972
- ✓ *Guarea guidonia* (L.) Sleumer — det. Pennington, 1980
- ✓ *Heliconia stylis* var. *spencei*
Baillon — Det. C.C. Berg, 1975
- ✓ *Galipea trifoliata* Aubl.
det. J. Kallunki 1986
- ✓ *Solanum*
Det. M. Nee, 1972
- ✓ *Cassia sylvestris* Sw. var.
Chlorophoroides (Kusby) Seem.
- ✓ *Sterculia* sp.
Det. M. Silva 1971
- ✓ *Baccharis trinervis* Pers. ♂
Det. G.-M. Barroso, 1969
- ✓ *Lockhartia gogazensis* Rehb f.
Det. Pabst 69
- ✓ *Ouratea* sp.
Det. M.S. Lva 1971
- ✓ *Apocynaceae* (?) det. C.C. Berg 1975
- ✓ *Monstera adansonii*
Schott — Det. D. Nicolson

7-14

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Unicates left at INPA

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5016	6783
5034	6811
5035	6891
5038	7089
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5375	
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5805	
5925	7089
5938	
5949	

4813 - 4823	Bogotá, Colombia
4824 - 4860	Manaus - Amazon
4861 - 4151	Rio Urubá - Amazon
4852	Territorio Federal do Roraima
	basin of Rio Manoré e Madera
	Bolívia, Departamento Pando
	Provincia Abuná
	Estado do Acre
	Road Abuná to Rio Branco
	Vicinity of Campinas, Rio Branco

Pagamento

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21	10,00		10 5,00
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14	300,00	300,00	
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	751,00	1010,00	

	Rond	Bol	Acra
5152 - 5692 - T. Rondonia	541		
5693 - 5732 - Bolivia		40	
5733 - 5765 - T. Rondonia	33=574		
5766 - 5807 - Bolivia		42=82	
5808 - 5843 - T. Rondonia	36=40		
5844 - 5873 - Bolivia		29=111	
5874 - 6053 - T. Rondonia	180=790		
6054 - 6064 - Bolivia		11=122	
6065 - 6086 - T. Rondonia	22=812		
6087 - 6160 - Bolivia		74=196	
6161 - 6200 - T. Rondonia	40=852		
6201 - 6231 - Bolivia		31=727	
6232 - 6242 - T. Rondonia	11=863		
6243 - 6255 - Bolivia		13=240	
6256 - 6260 - T. Rondonia	5=868		
6261 - 6277 - Bolivia		17=257	
6278 - 6299 - T. Rondonia	22=890		
6300 - 6431 - Acra			132
6432 - 6465 - T. Rondonia	34=924		
6466 - 6504 - Bolivia		39=296	
6505 - 6529 - T. Rondonia	25=949		
6530 - 6542 - Bolivia		13=309	
6543 - 6592 - T. Rondonia	50=999		
6593 - 6616 - Bolivia		24=333	
6617 - 6630 - T. Rondonia	20=1019		
6637 - 7092 - T. Rondonia	456=1474		

6377

5575

584

14 July 1955, Abnita Acc 132
 Bolivar 255
 Road 769

Missing numbers not found in
 first set

5292

6372

6482

6763

7043

Villalba - Ind.

Dr. Dario Pazarella
 Hotel PV (Paulista chf.)
 Dr. Pimentel

6790

(25 last p.)

